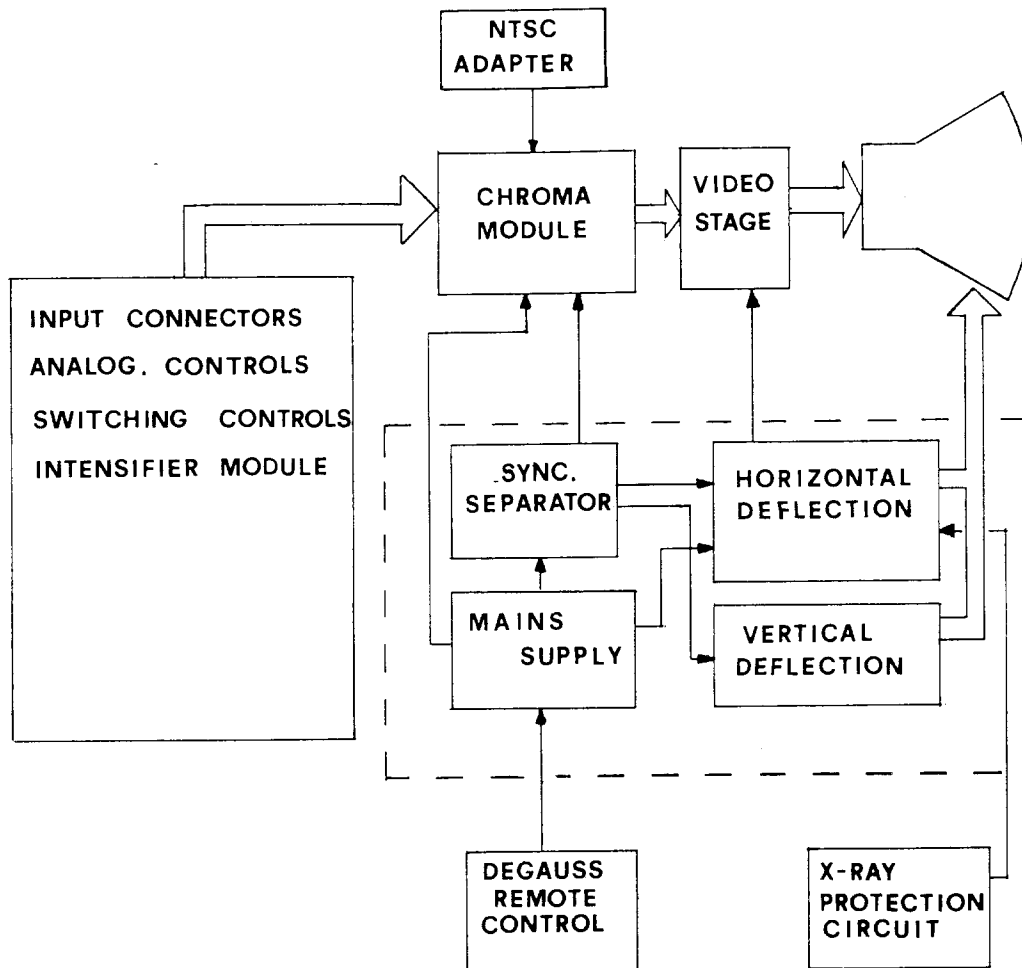




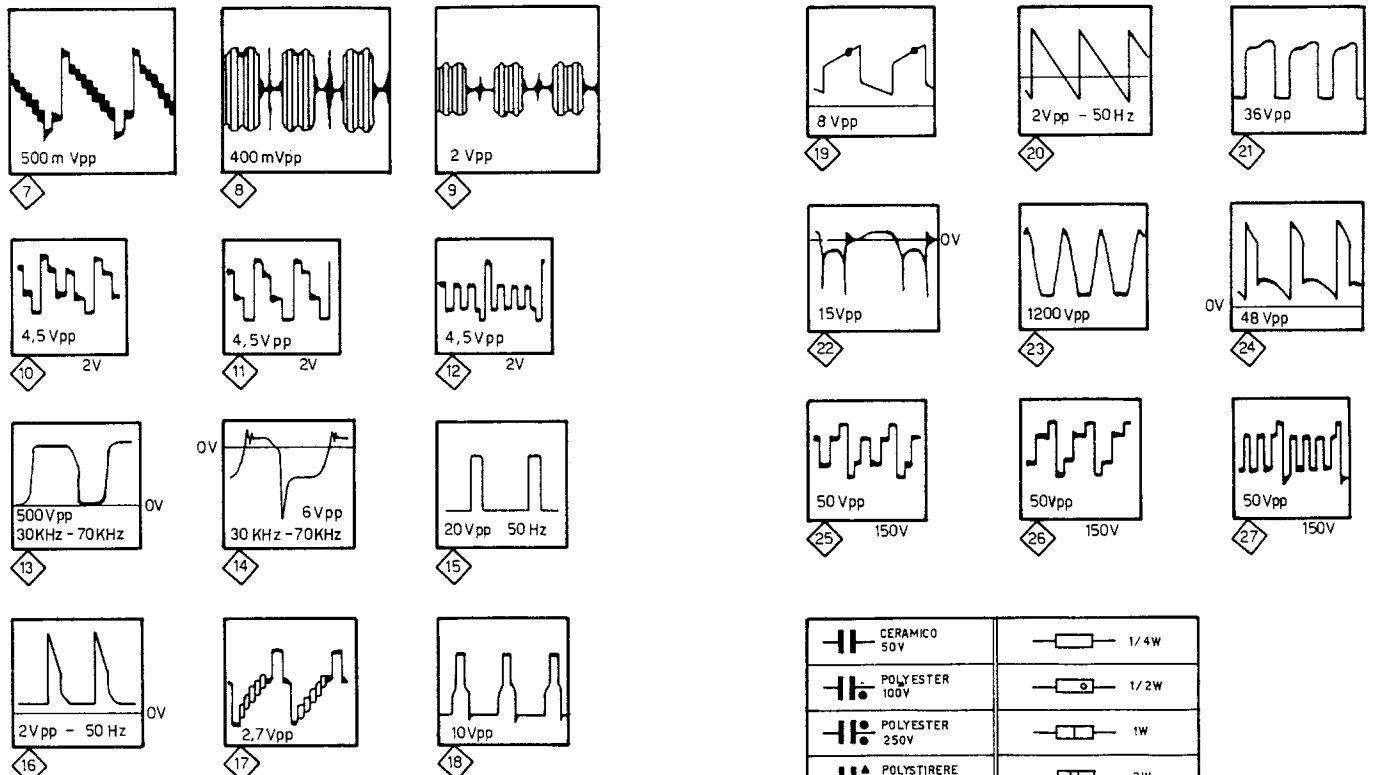
LARGE SCREEN MONITOR
SERVICE MANUAL

ELECTRONIC EQUIPMENT MANUFACTURER

SCHEMA A BLOCCHI/BLOCK DIAGRAM

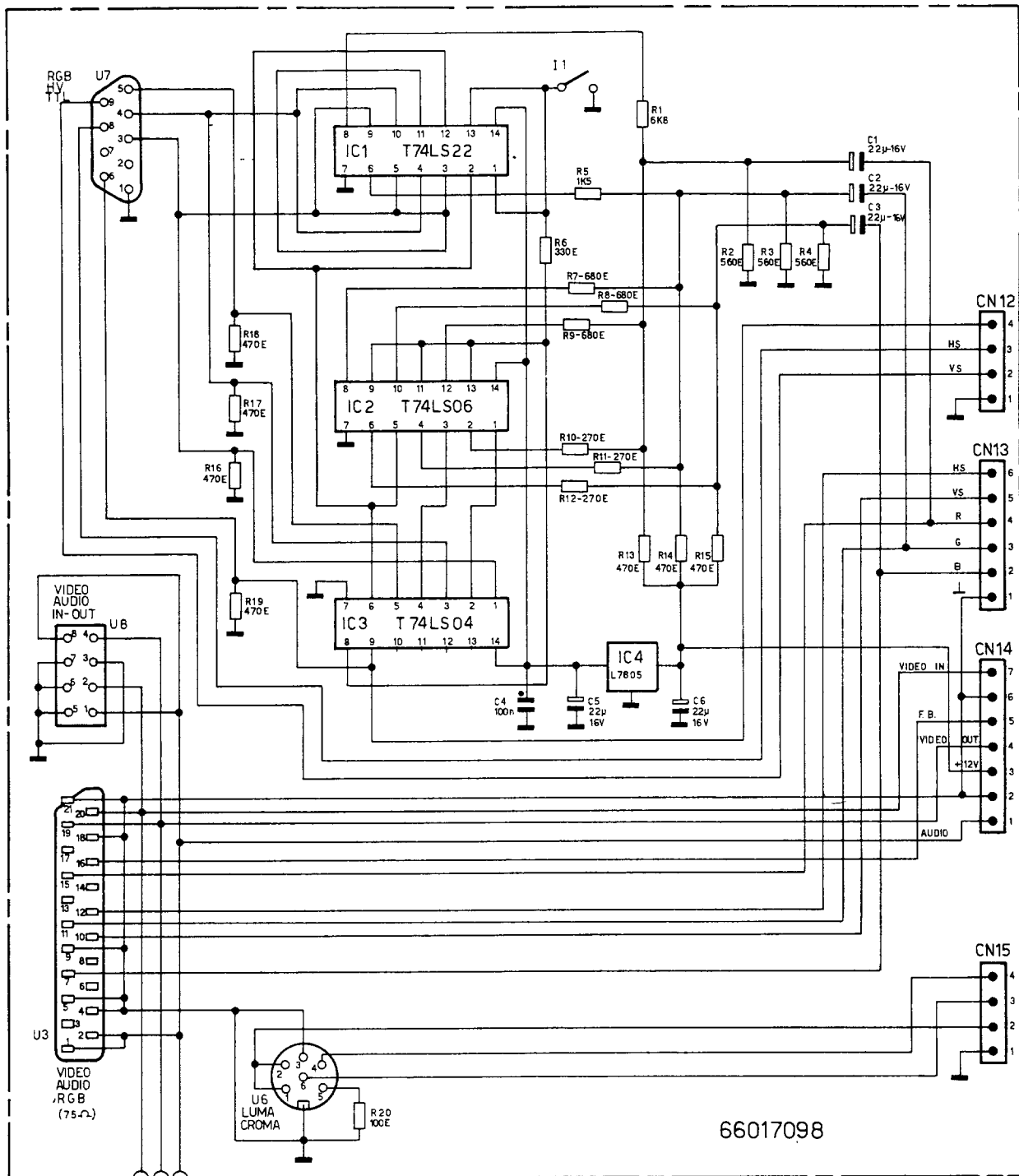


FORME D'ONDA/WAVE FORM

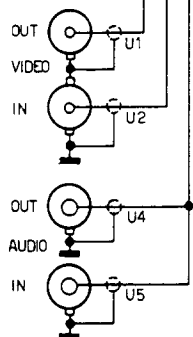


CERAMICO 50V	1/4W
POLYESTER 100V	1/2W
POLYESTER 250V	1W
POLYSTIRENE 400V	2W
ELETTROLITICO	ININFIAM. SAFETY

INPUT CONNECTORS + INTENSIFIER 66003367



66017098

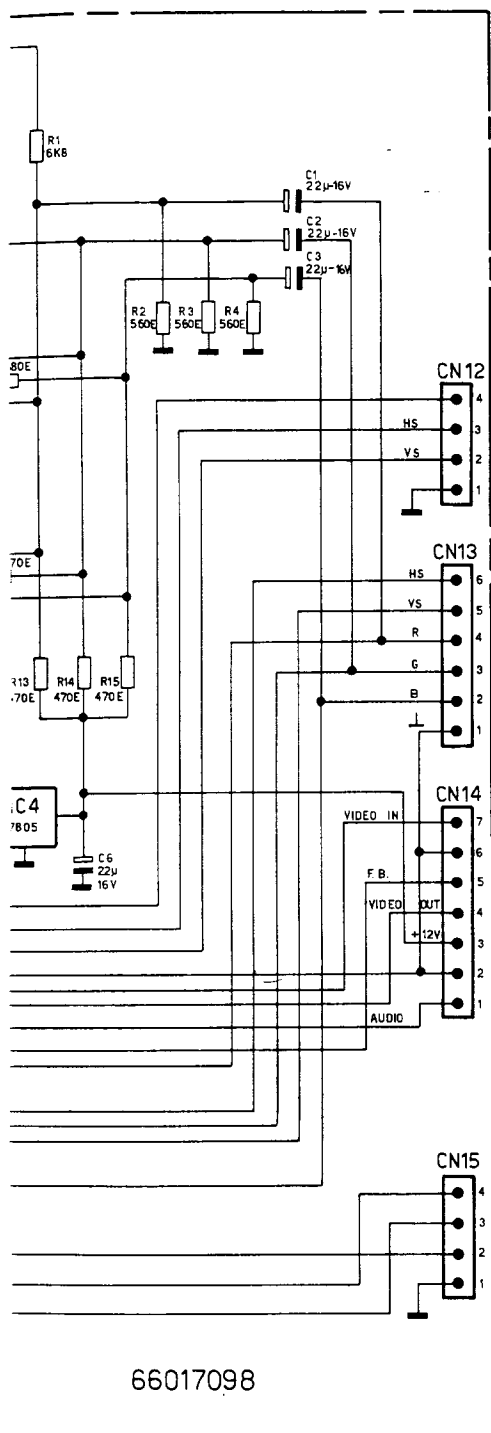


HANTAREX

MOD. CT 9000/P SR 21" - 25" - 28"

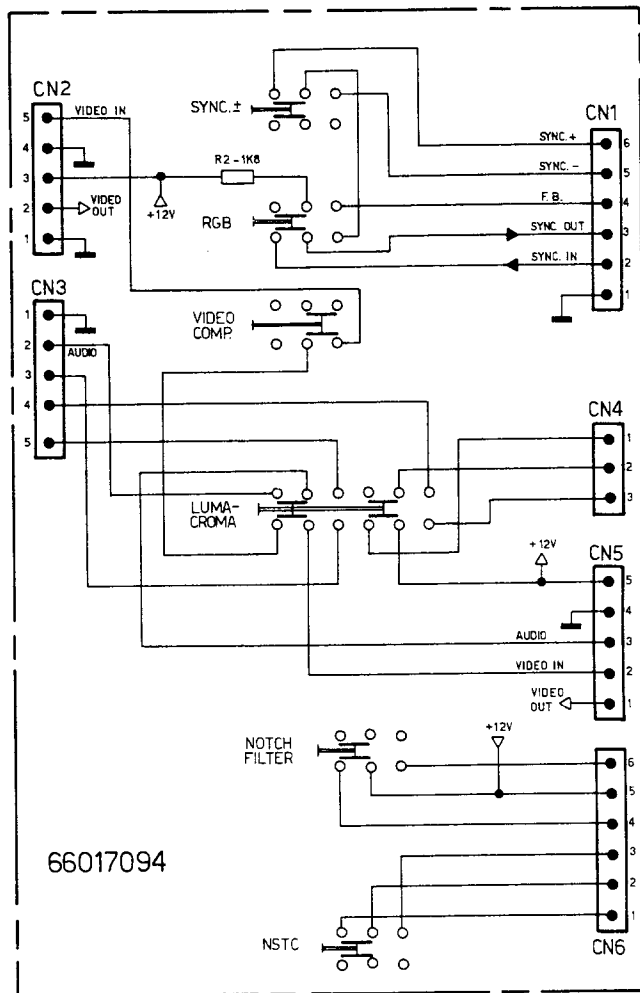
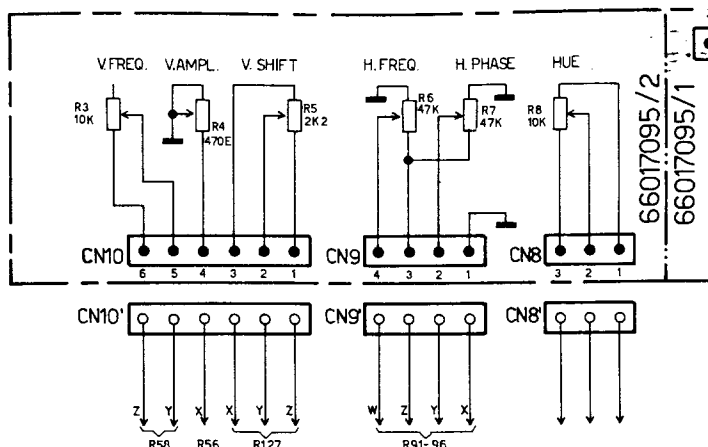
CH. FAM. 66002900

ITENSIFIER 66003367



66017098

ANALOG CONTROL 66003368



66017094

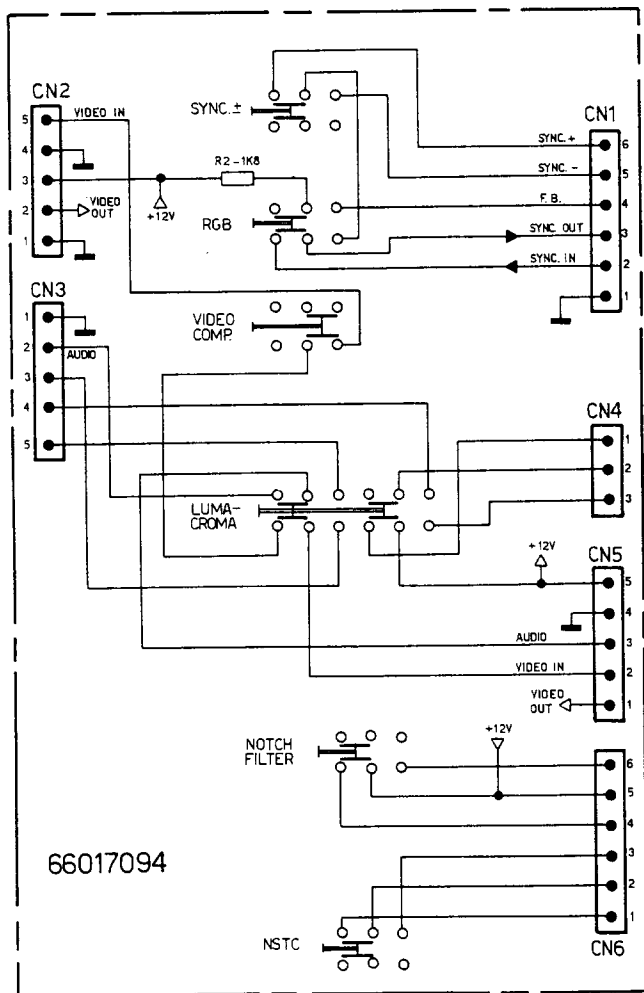
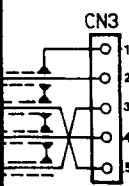
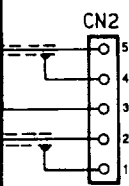
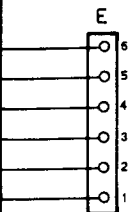
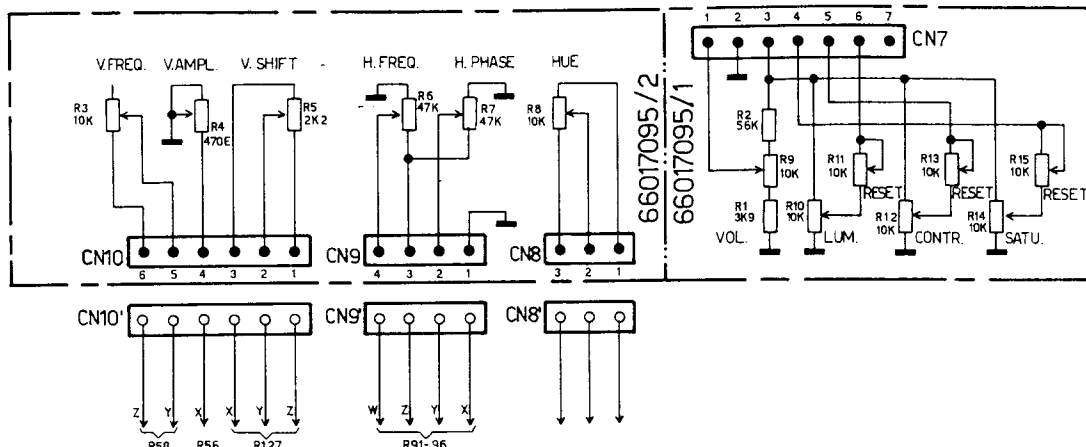
HANTAREX

MOD. CT 9000/P SR 21" - 25" - 28"

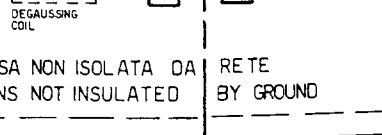
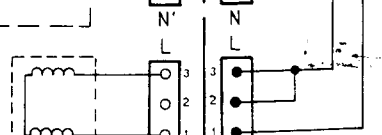
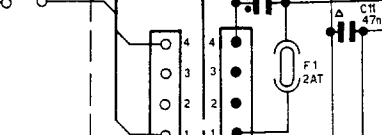
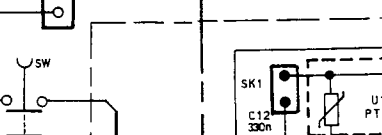
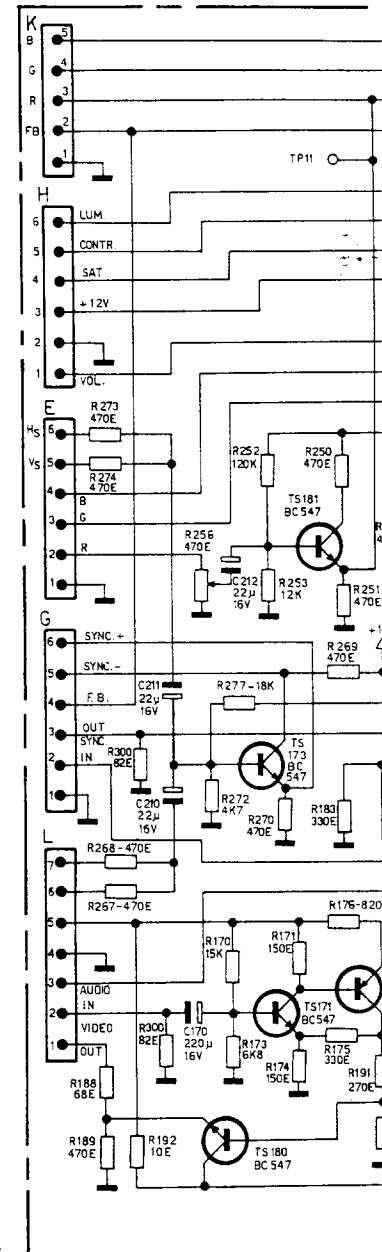
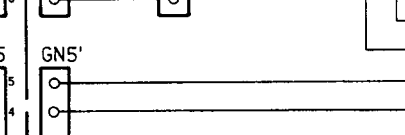
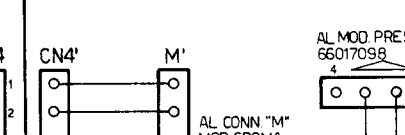
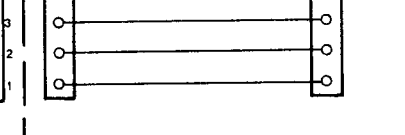
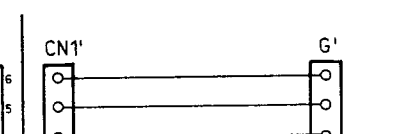
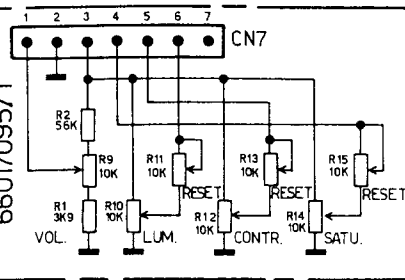
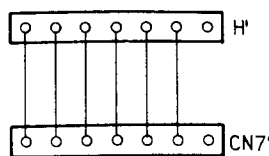
CH. FAM. 66002900

SWITCHING MODULE 66003369

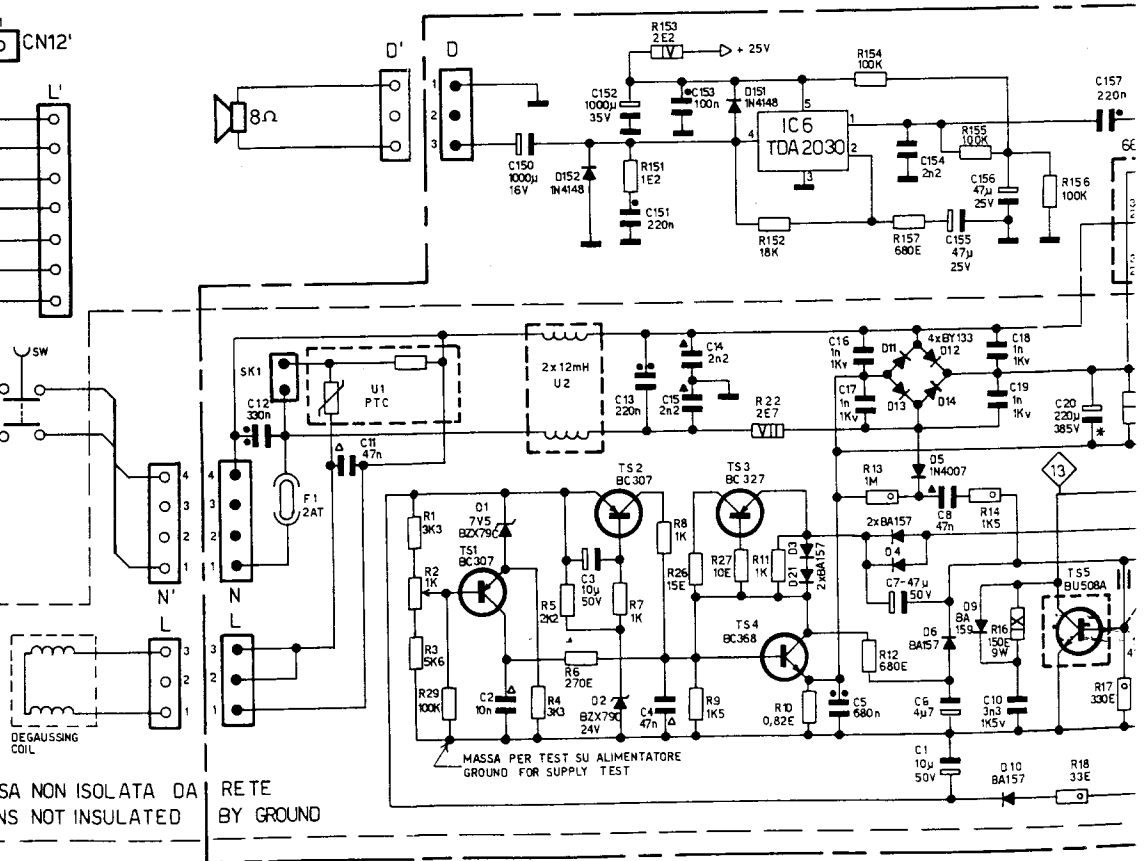
ANALOG CONTROL 66003368



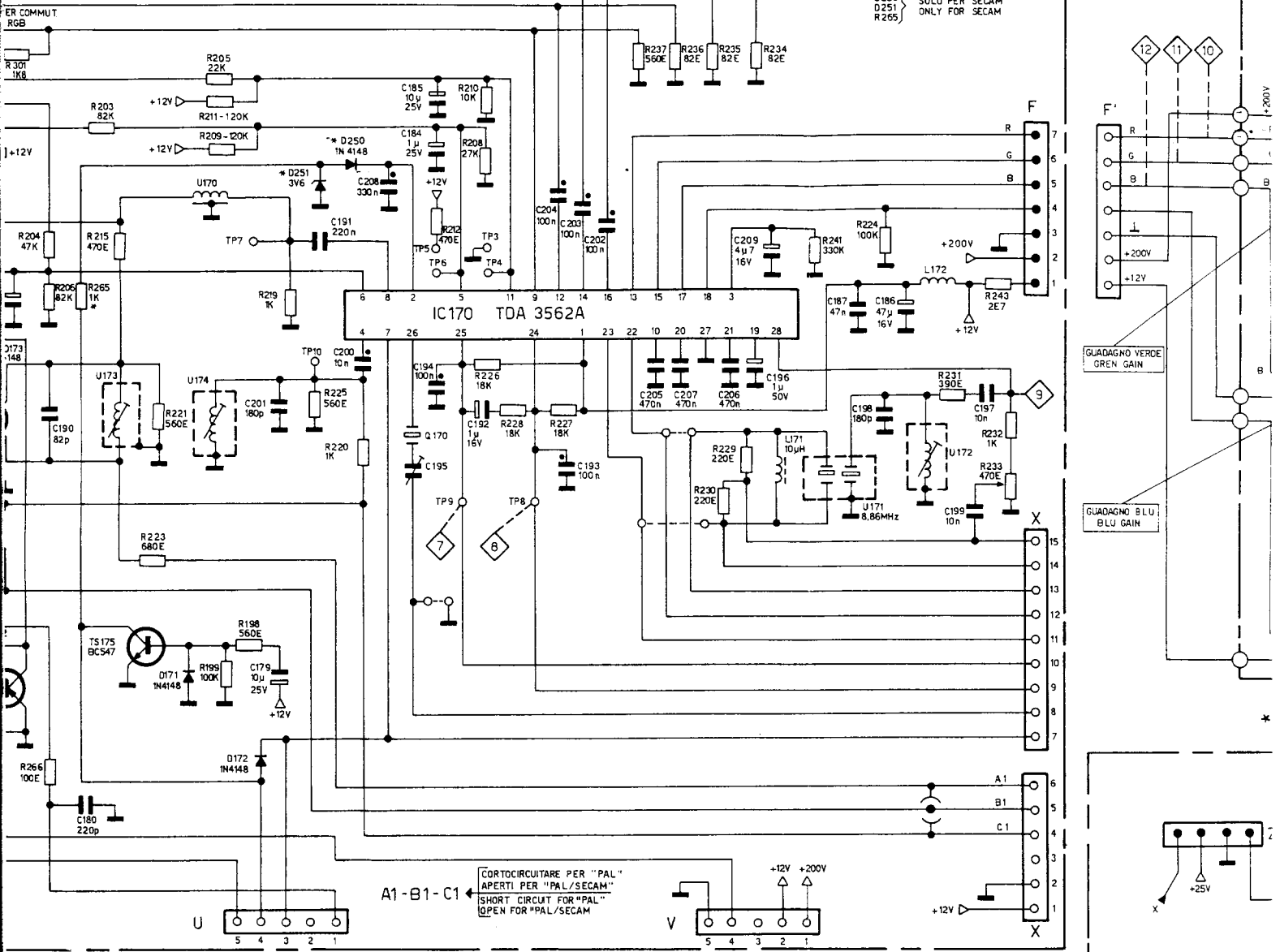
SWITCHING MODULE 66003369



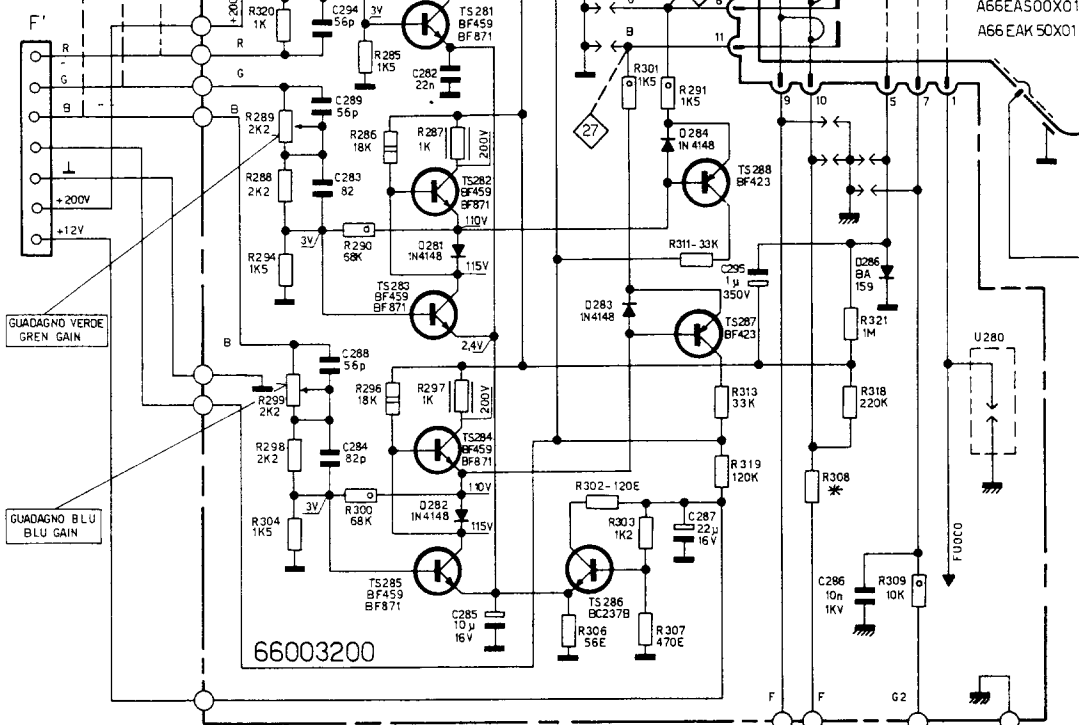
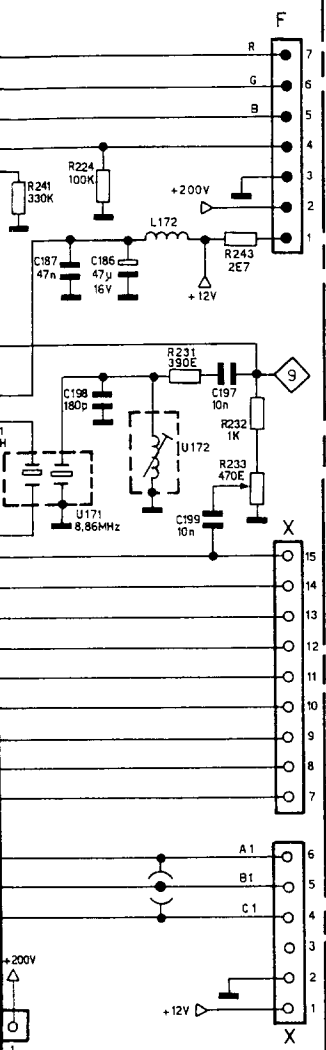
MASSA NON ISOLATA DA RETE
MAINS NOT INSULATED BY GROUND



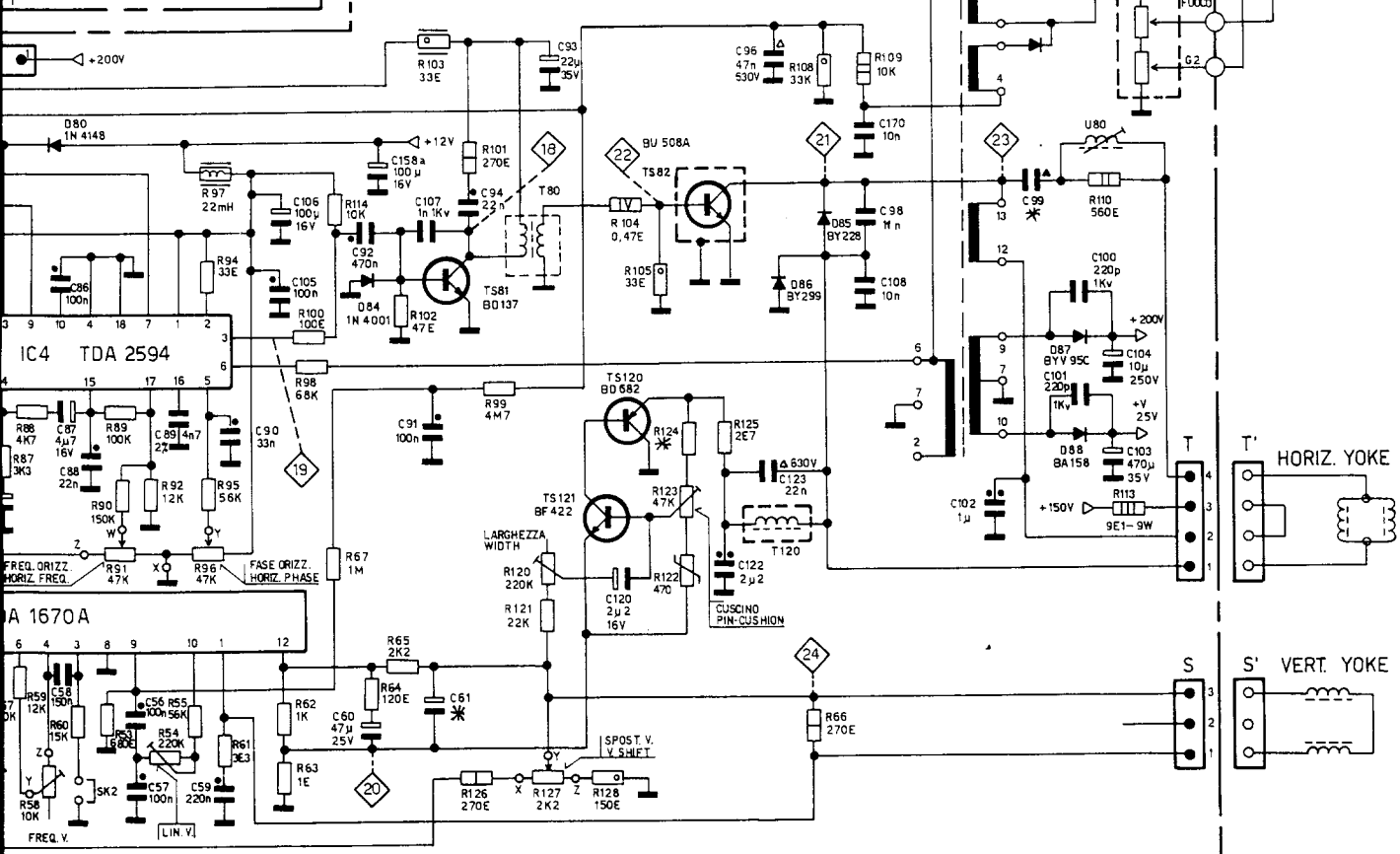
6035000172

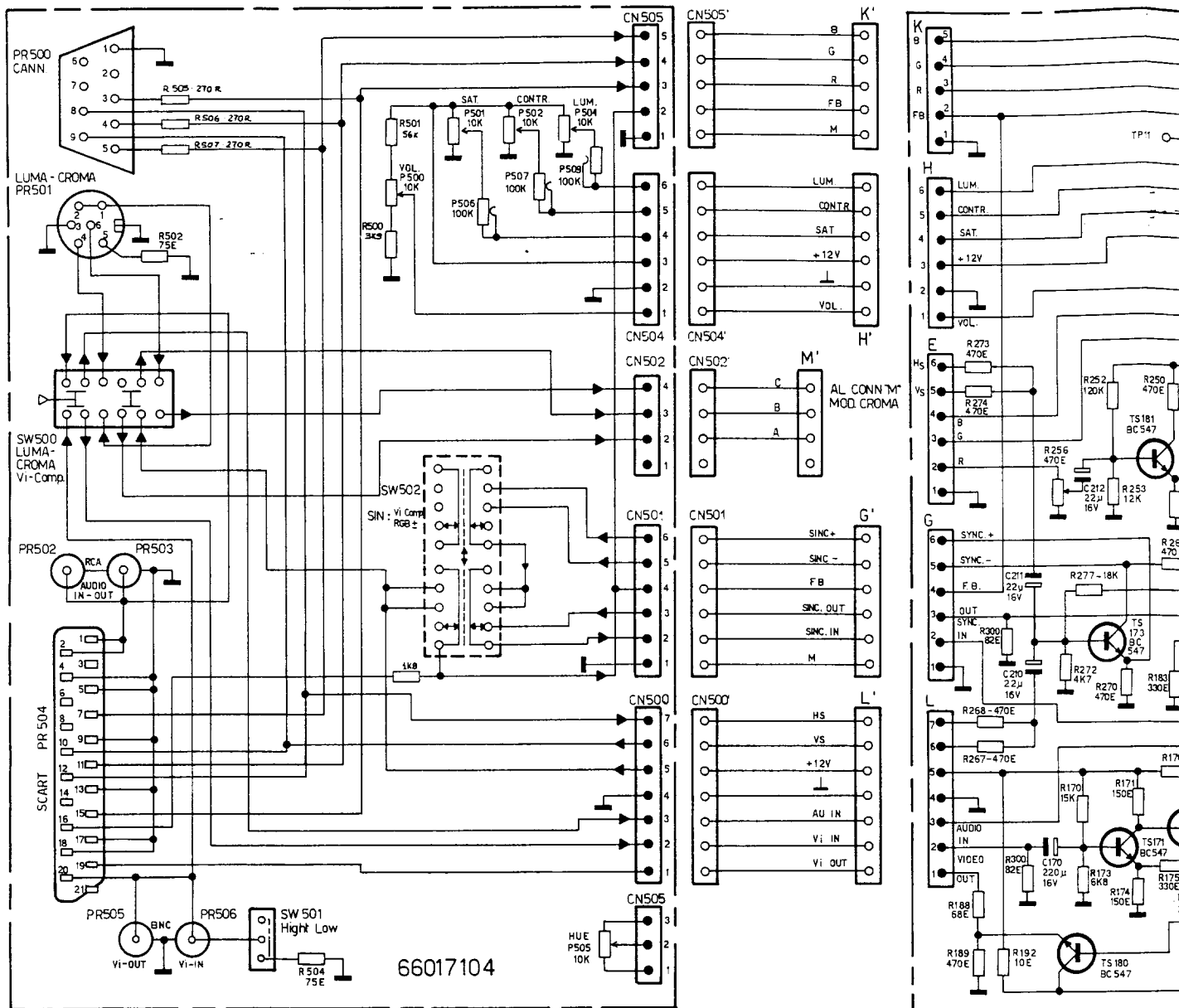


*
D250 } SOLO PER SECAM
D251 } ONLY FOR SECAM
R265 }



CRT	C 99	C 61	R 124	R 308
A 51 EAS00 X 01	330 n	2200 μ	560 K	0.82 R
A 59 EAS00 X 01	330 n	2200 μ	560 K	0.82 R
A 66 EAS00 X 01	330 n	2200 μ	560 K	0.82 R
A 66 EAK 50 X 01	240 n	1500 μ	330 K	1 B 5





INPUT CONNECTORS + ANALOG CONTROLS 66003383

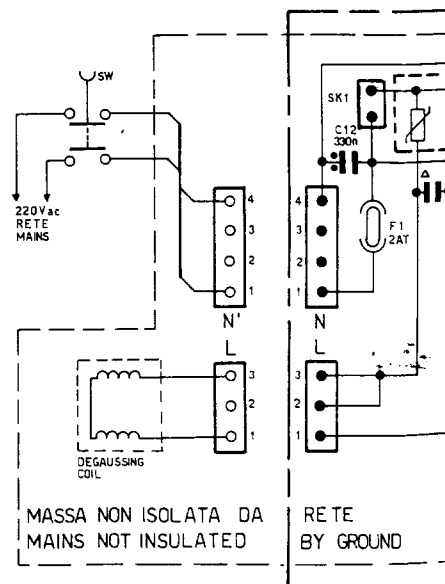
CHROMA MODULE 66003040

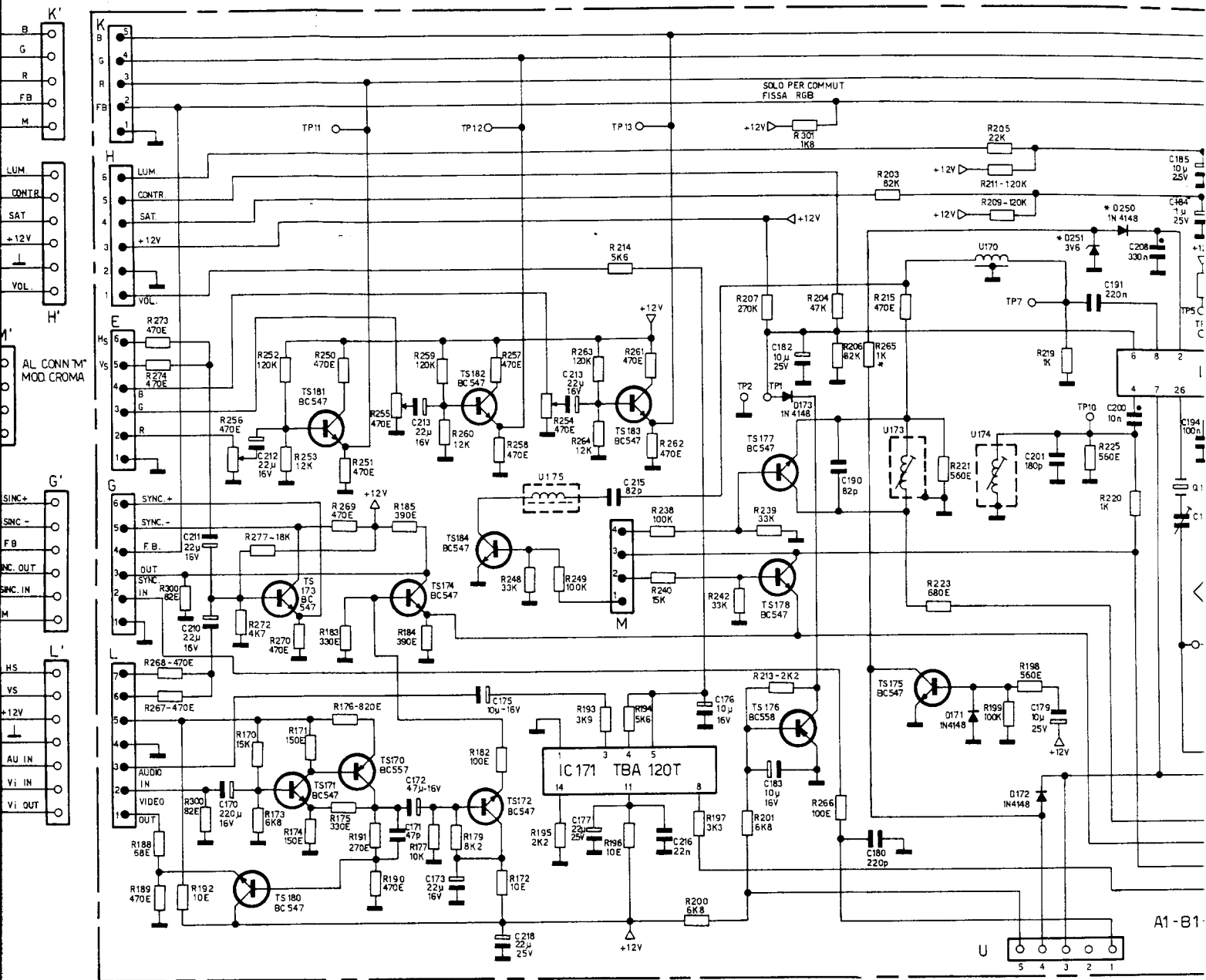


HANTAREX

MOD. MTC9000/E SR 21" - 25" - 28"

CH. FAM. 66002906

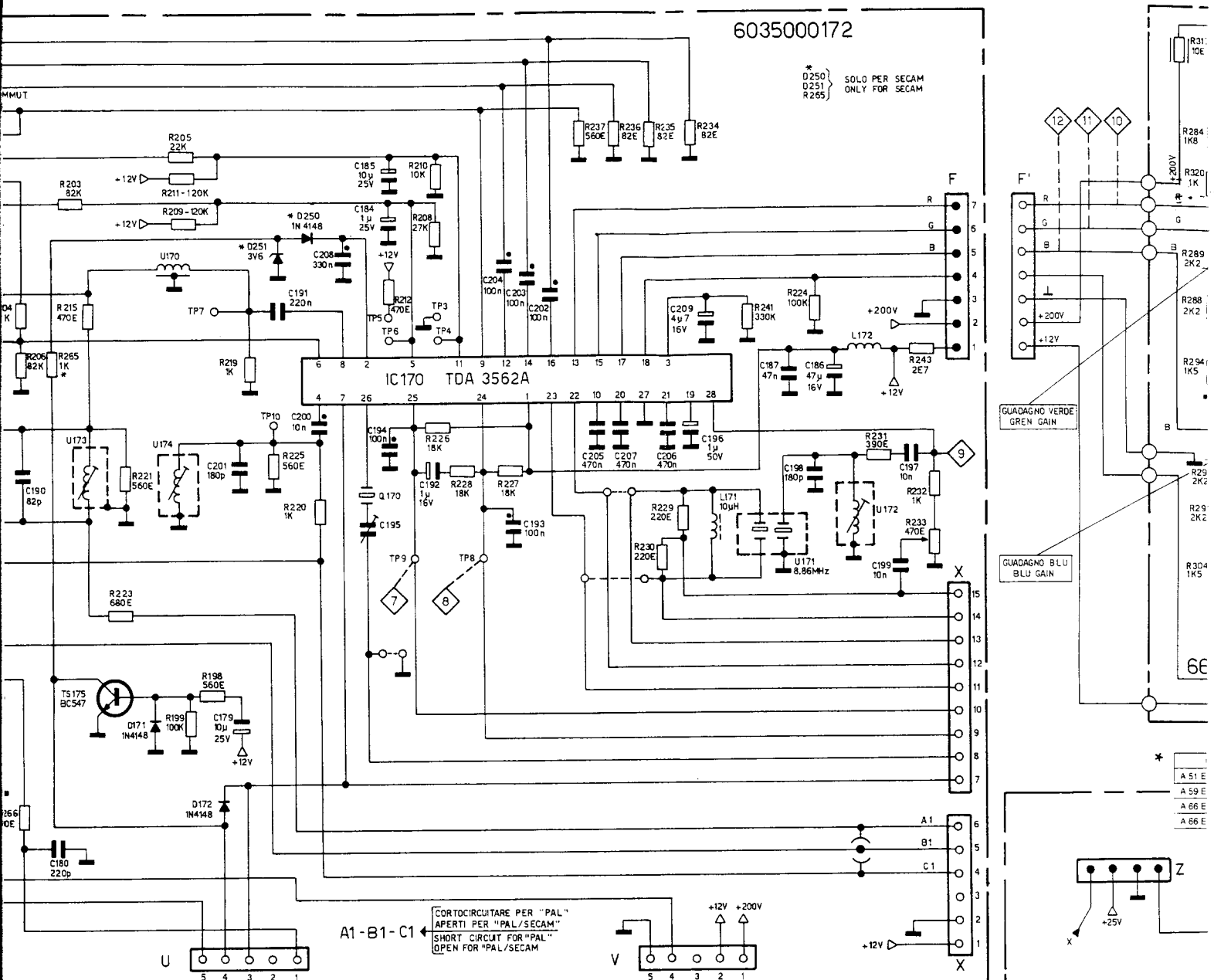




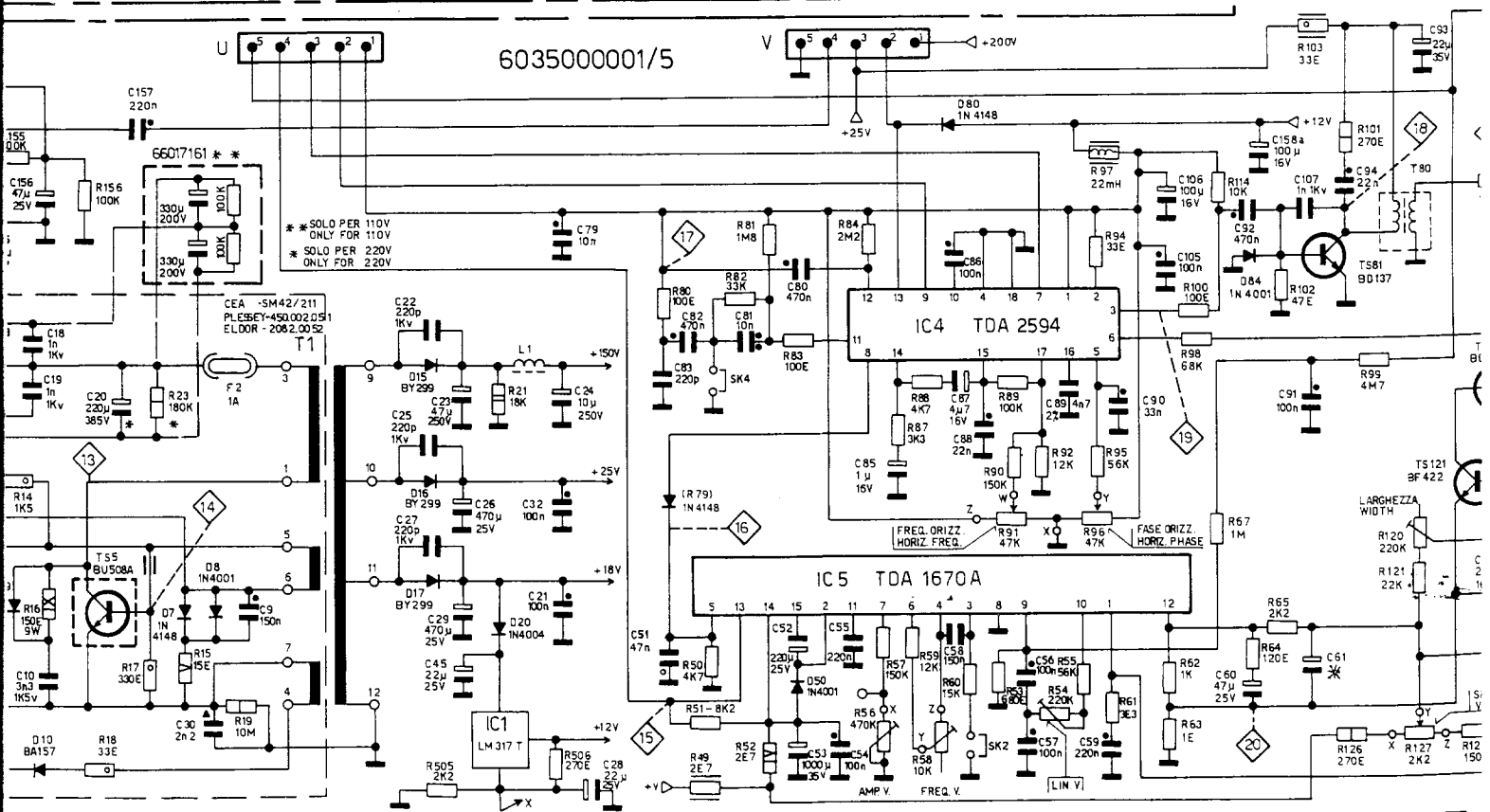
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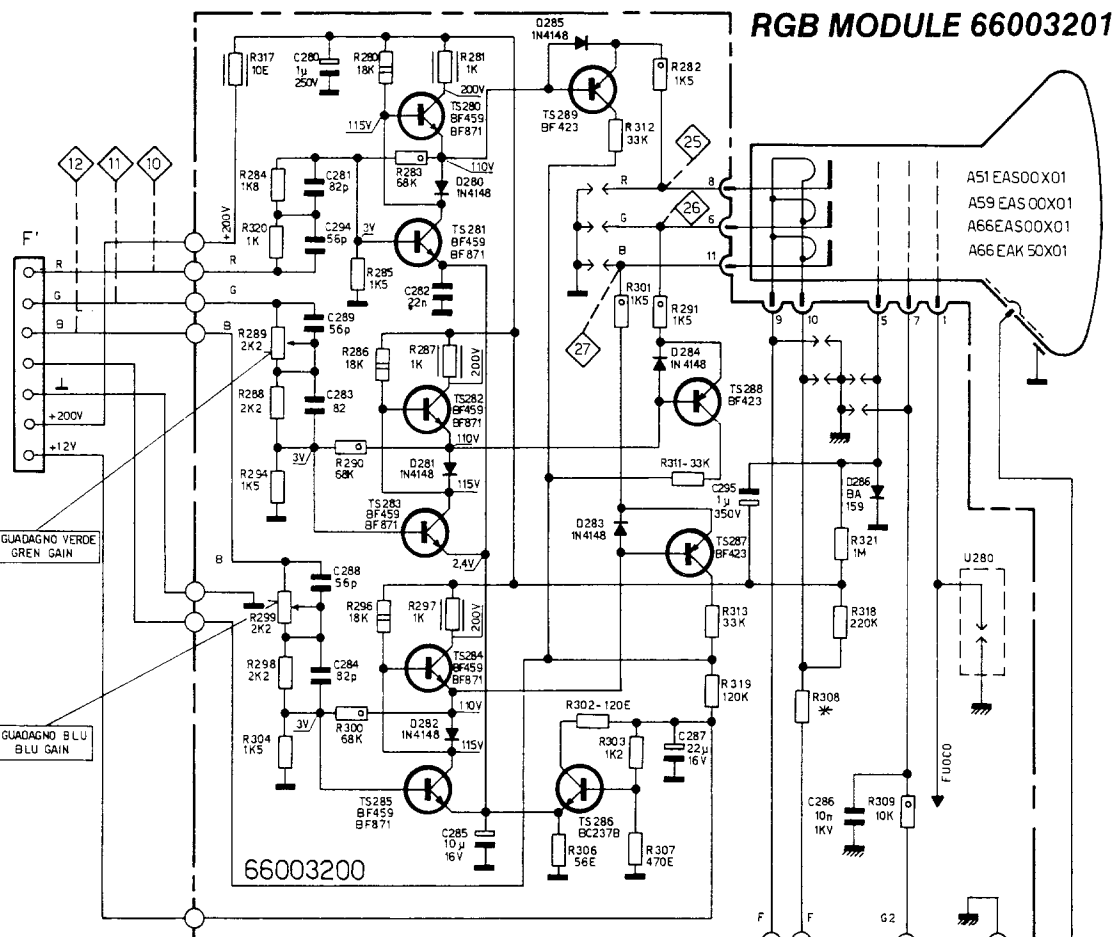
* D250
D251
R255

SOLO PER SECAM
ONLY FOR SECAM



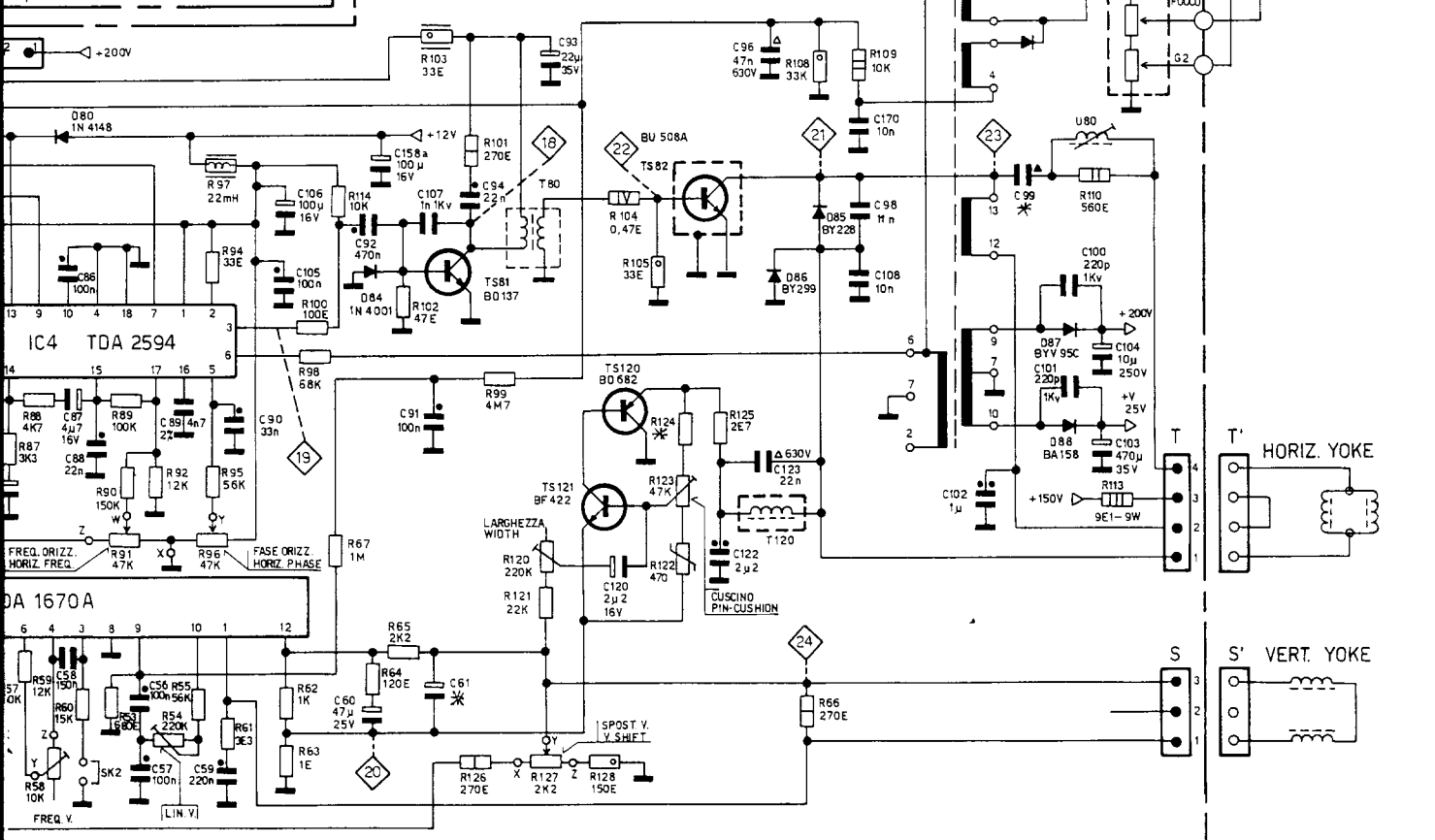
6035000001/5

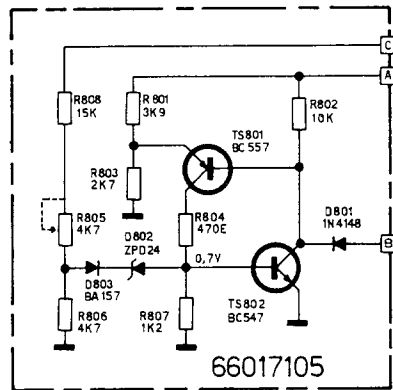


RGB MODULE 66003201

CRT	C 99	C 61	R 124	R 308
A 51 EAS00 X 01	330 n	2200 μ	560 K	0.82 R
A 59 EAS00 X 01	330 n	2200 μ	560 K	0.82 R
A 66 EAS00 X 01	330 n	2200 μ	560 K	0.82 R
A 66 EAK 50 X 01	240 n	1500 μ	330 K	1 B 5

CEA - 67A 5819
PLESSEY - 4620.010.2100
ELDOOR - 1185.0447



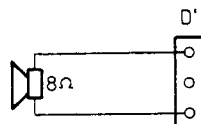


X RAY PROTECTION MODULE 66003384

ADJUSTMENT

- R805 all included
- With aligned chassis, take off the connector from Pin 6 - T81 and send 135 Vcc through the connector: C input of protection circuit (R808).
- Adjust R805 till protection circuit blocks the + 12V of I.C. 1-LM317.
- Plug again the connector to Pin 6 - TS81.
- Seal R805 with sylicon to avoid any adjustment.

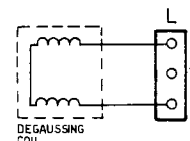
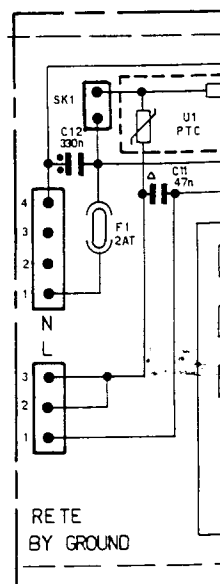
CHRC



HANTAREX

MOD. MTC9000/M SR "28 USA

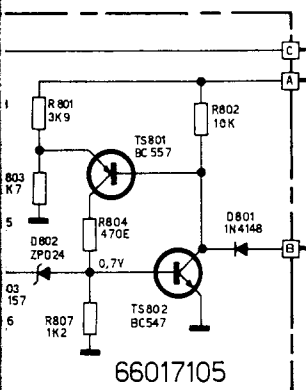
CH. FAM. 66002901



MASSA NON ISOLATA DA
MANS NOT INSULATED

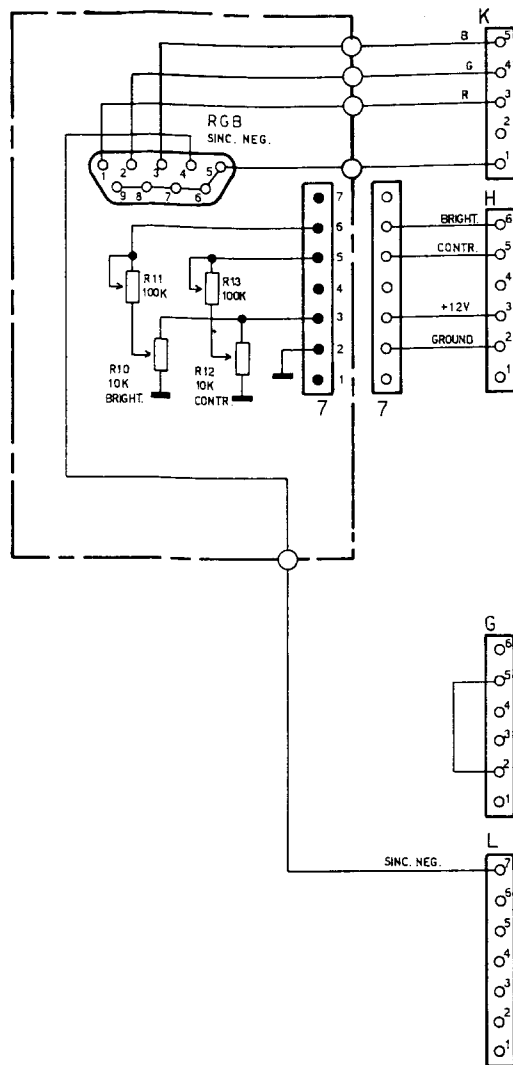
RETE
BY GROUND

RGB CONTROLS 66003383

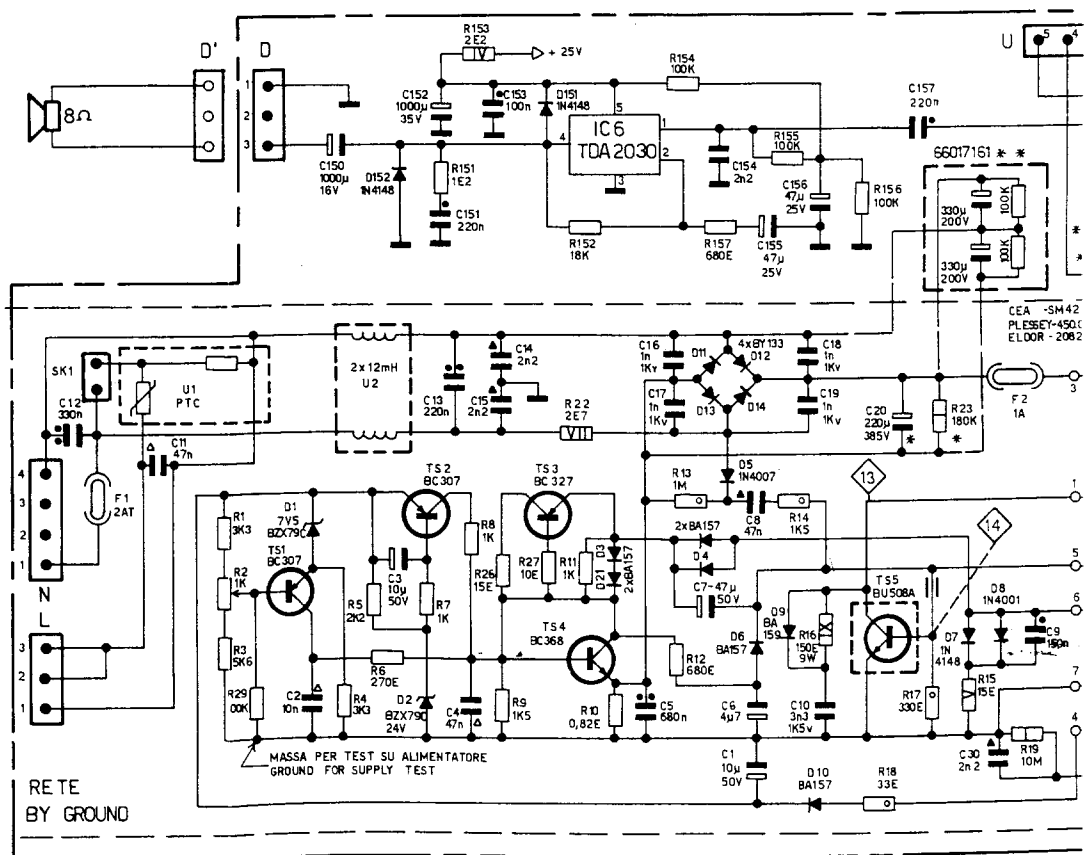
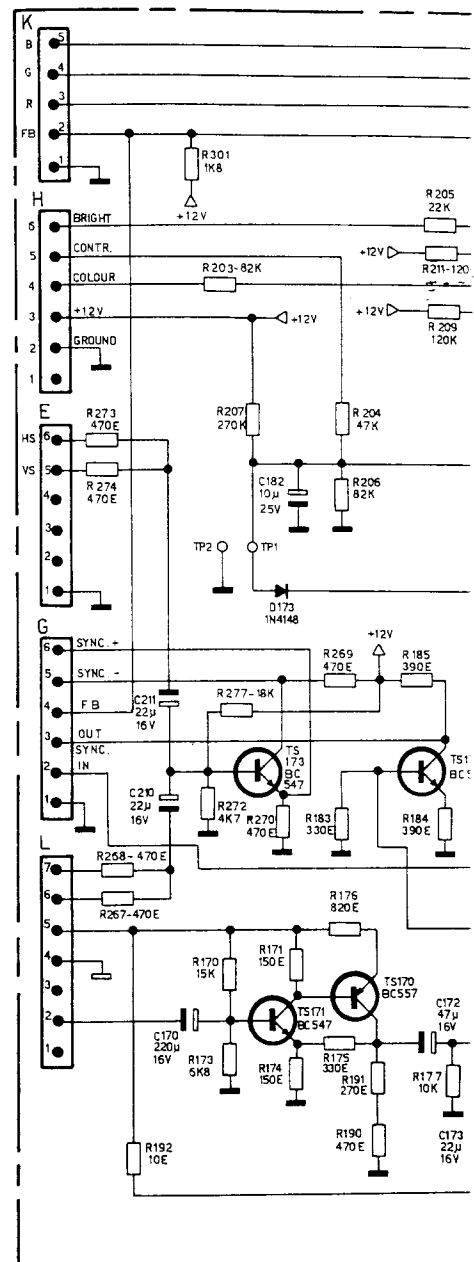


ACTION MODULE 66003384

off the
1 and send 135
or: C input of
circuit blocks
7.
to Pin 6 - TS81.
avoid any



CHROMA MODULE 66003047



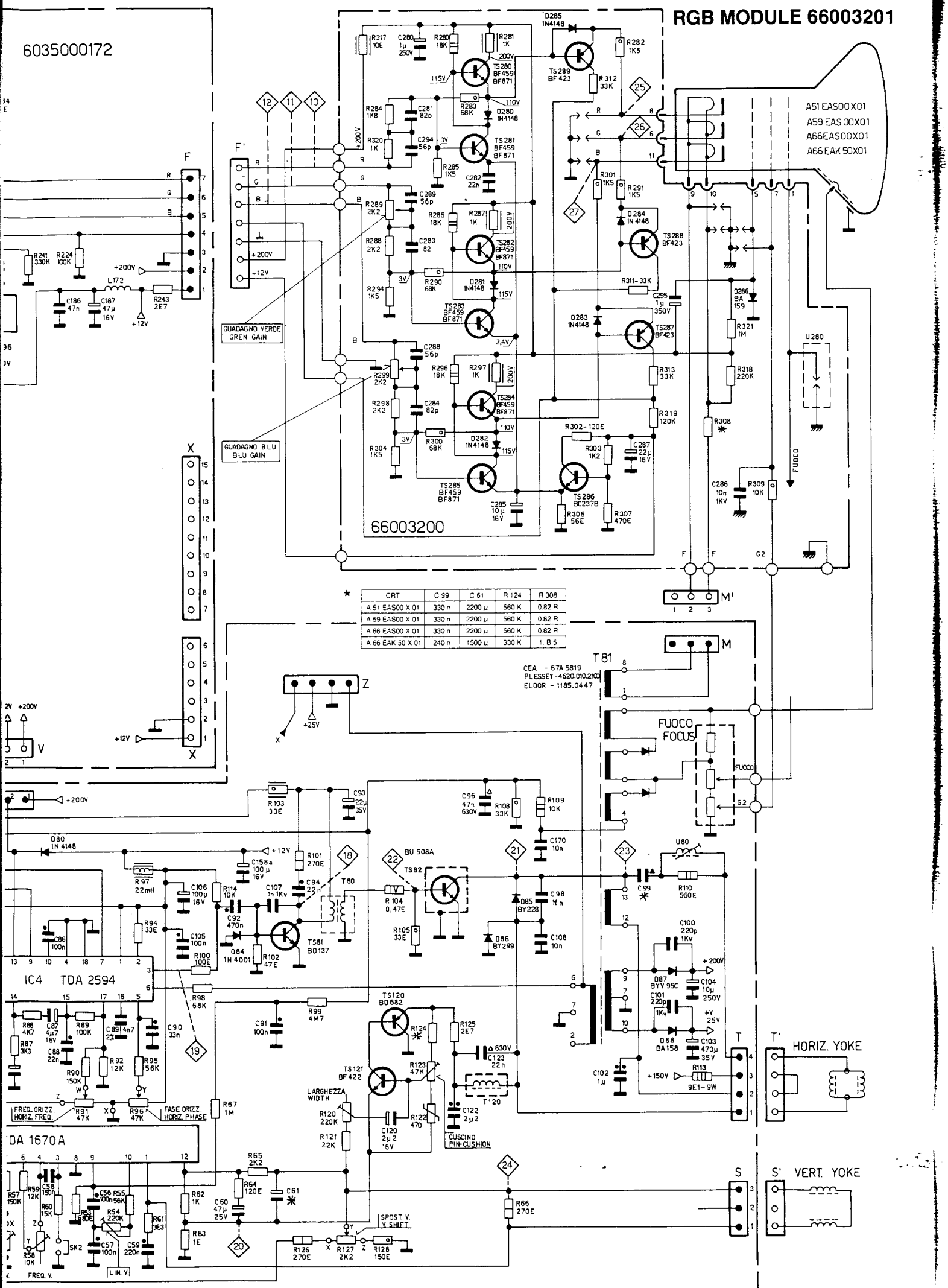
MASSA NON ISOLATA DA
MAINS NOT INSULATED

RETE
BY GROUND

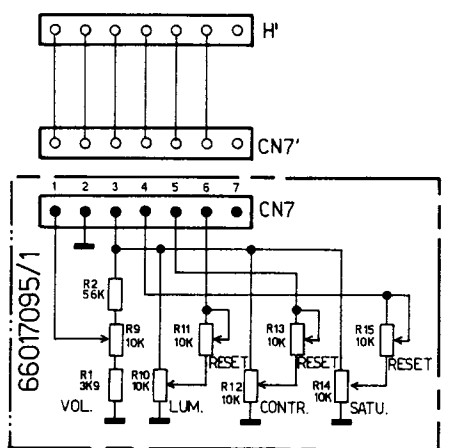
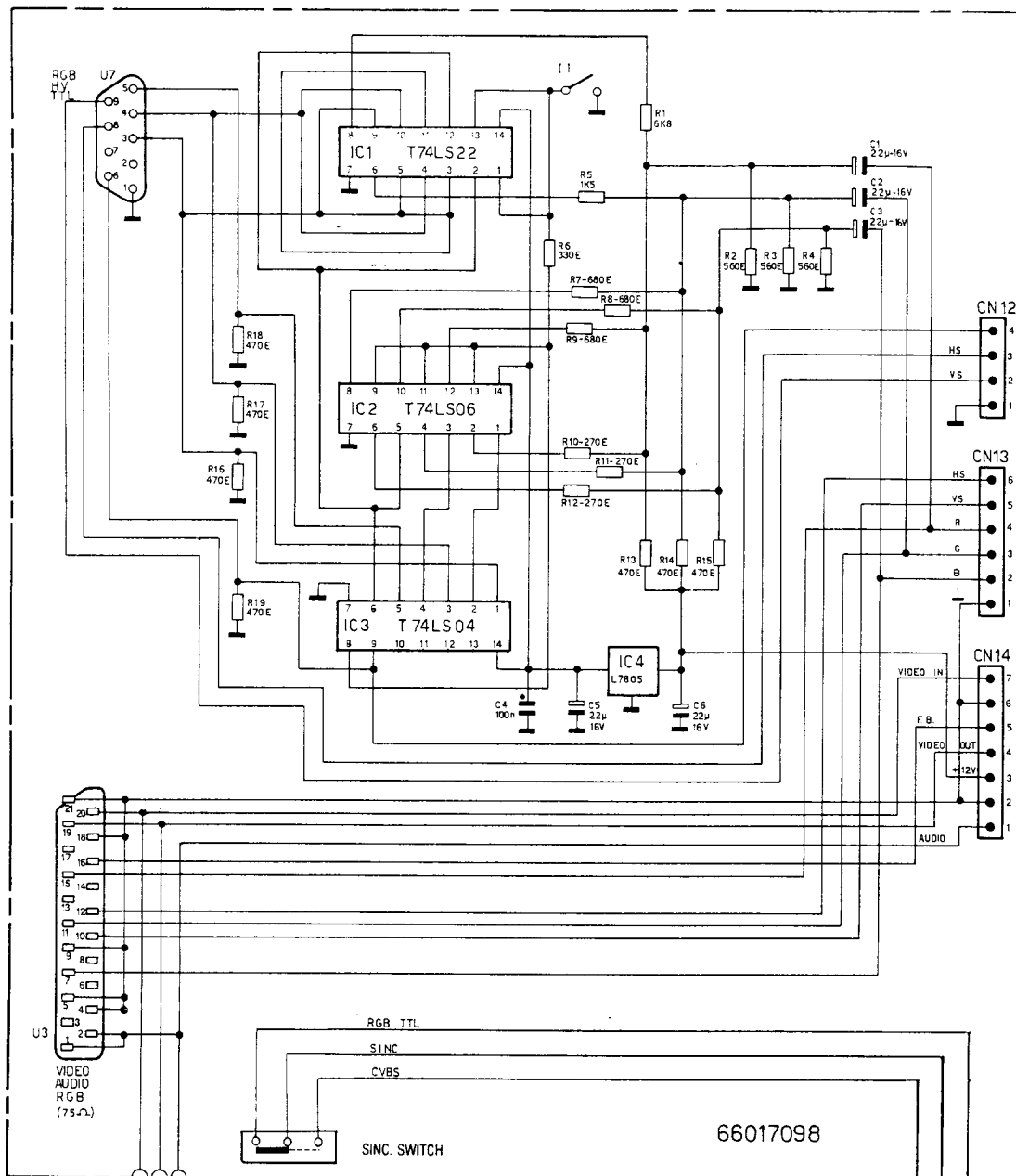
6035000172

6035000172

RGB MODULE 66003201



INPUT CONNECTOR « INTENSIFIER 66003379



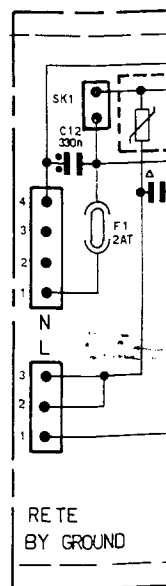
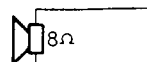
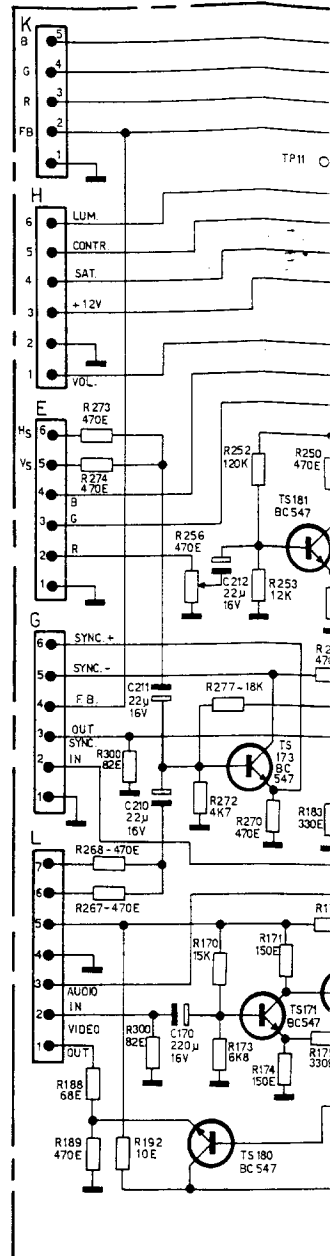
ANALOG CONTROL 66003381

HANTAREX

MOD. MTC9000/P SR 21" - 25" - 28" UK

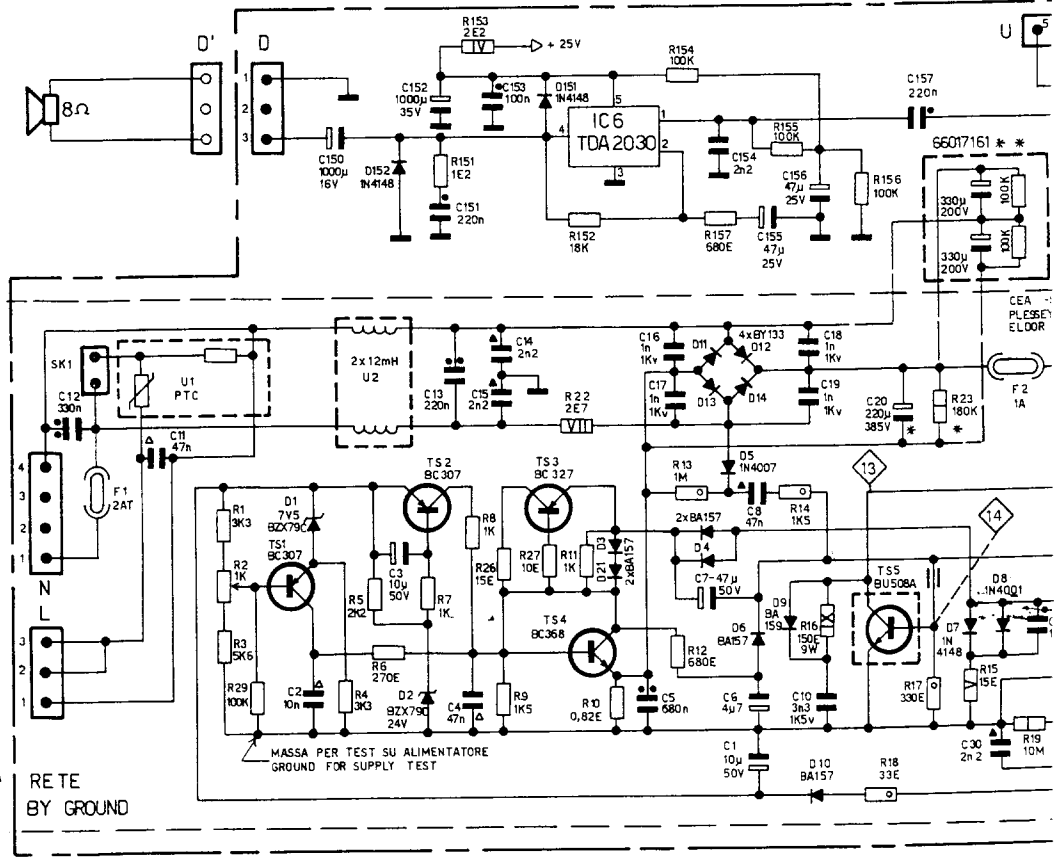
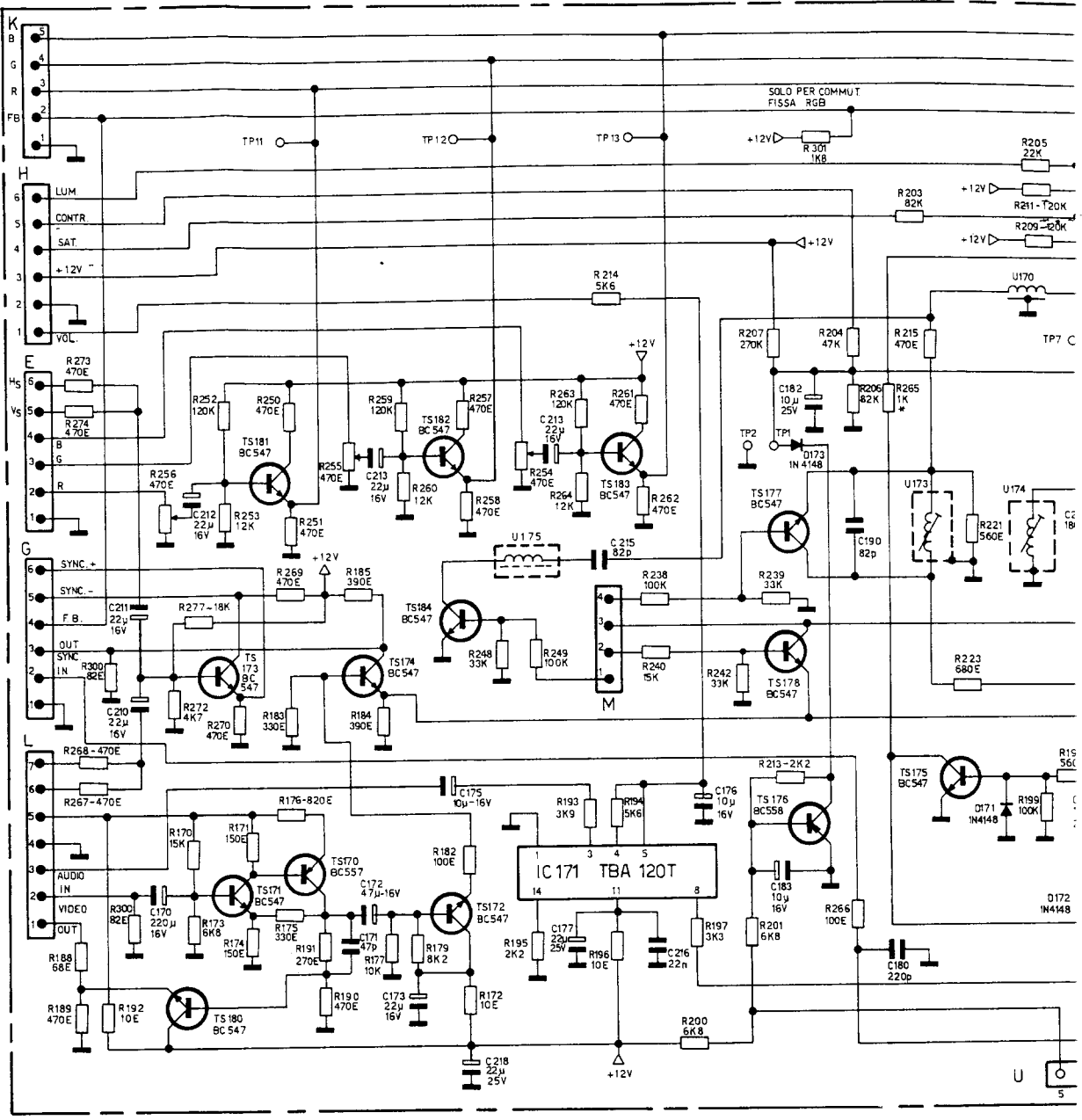
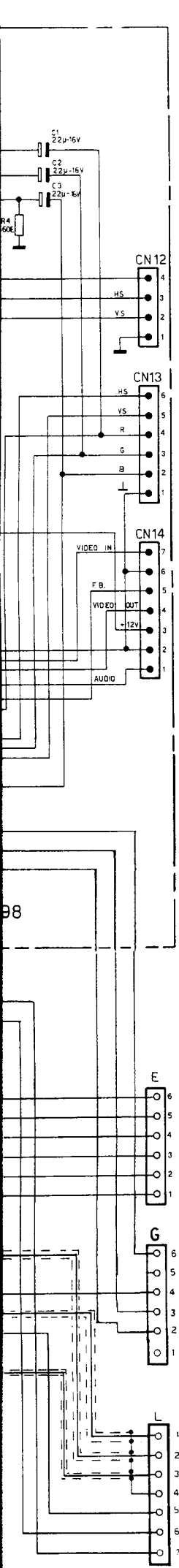
CH. FAM. 66002904

NOTE: RGB/ITL - Composite video blanking operation, sends the signal to Pin 16 SCART CONNECTOR.



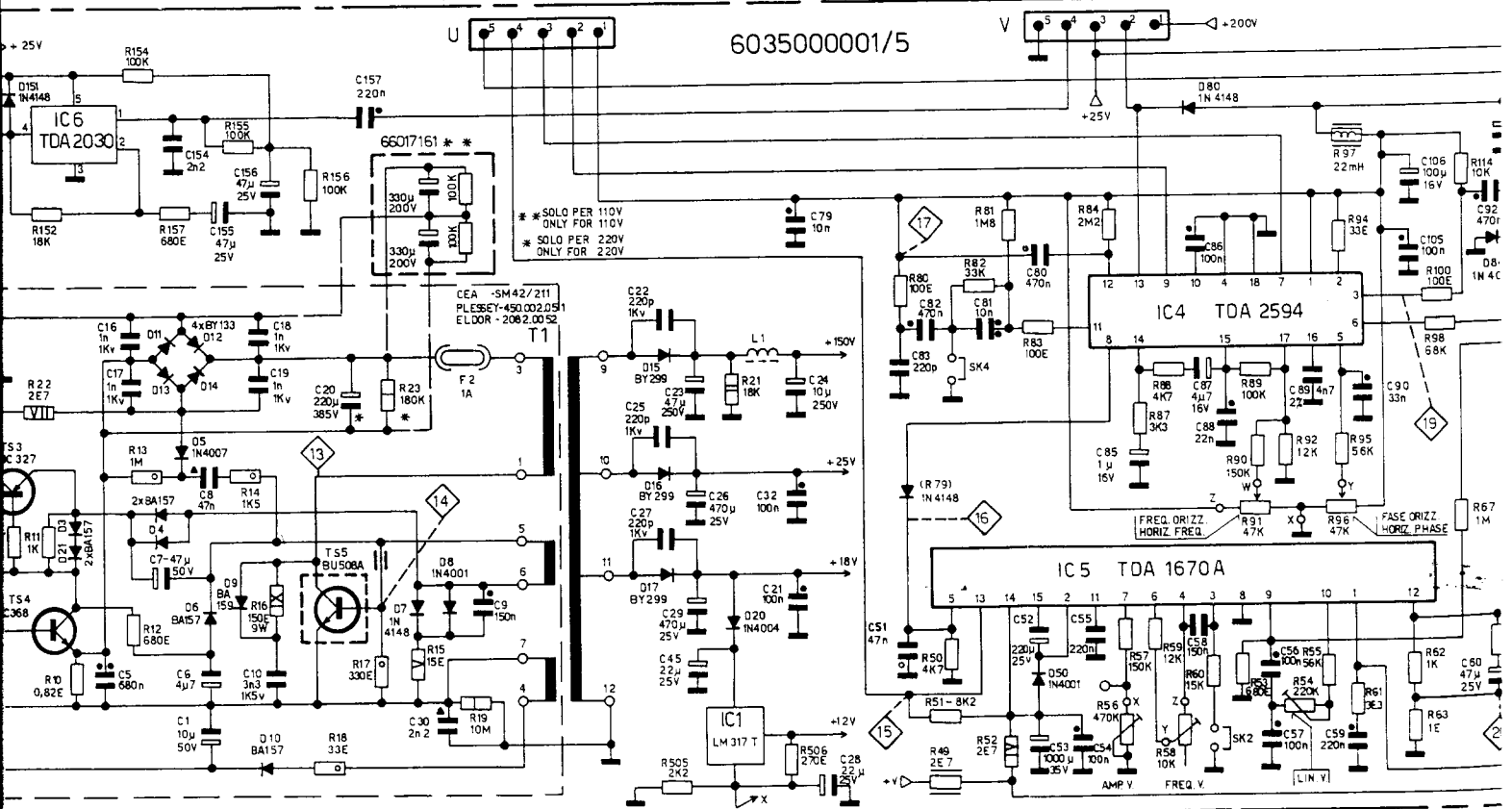
MASSA NON ISOLATA DA
MAINS NOT INSULATED

RETE
BY GROUND



MASSA NON ISOLATA DA
MAINS NOT INSULATED

RETE
BY GROUND



*
0250 } SOLD PER SECAM
0251 } ONLY FOR SECAM
R265 }

MODULE 66003040

The schematic diagram illustrates the internal circuitry of the 66003040 module. Key components include:

- Capacitors:** C187 (47n), C186 (47μ, 16V), C196 (1μ, 50V), C198 (180p), C197 (10n), and C199 (10n).
- Resistors:** R241 (330K), R224 (100K), R231 (390E), R232 (1K), and R233 (470E).
- Inductor:** L172.
- Integrated Circuit:** U171 (8.86MHz).
- Transformer:** A transformer symbol is shown in the center of the circuit.
- Diode:** A diode symbol is located near the bottom right.
- Power Inputs:** +12V and +200V inputs are shown at the bottom left.
- Connectors:** A 7-pin connector at the top (labeled R, G, B, 4, 3, 2, 1) and a 15-pin connector at the bottom (labeled X, 15, 14, 13, 12, 11, 10, 9, 8, 7).
- Other Symbols:** A diamond-shaped symbol with the number 9 is located in the center-right area.

CRT	C 99	C 61	R 124	R 308
A 51 EAS00 X 01	330 n	2200 μ	560 K	0.82 R
A 59 EAS00 X 01	330 n	2200 μ	560 K	0.82 R
A 66 EAS00 X 01	330 n	2200 μ	560 K	0.82 R
A 66 EAK 50 X 01	240 n	1500 μ	330 K	1.9 S

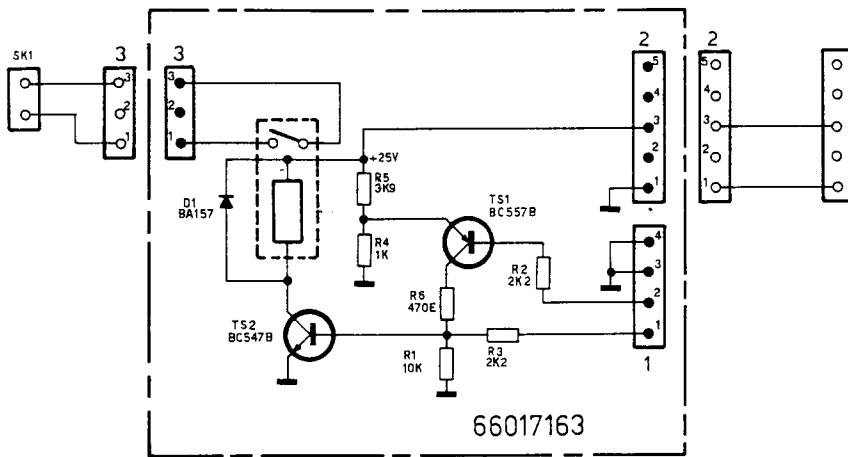
CEA - 67A 5819
PLESSEY - 4620 010.2100
FLOOR - 1185 0447

The schematic diagram illustrates the internal circuitry of the amplifier, organized into three main functional blocks: AMP. V. (Amplifier), FREQ. V. (Frequency), and LIN. V. (Linear). The circuit is powered by a 55V supply and includes various resistors (R56, R57, R58, R59, R60, R61, R62, R63) and capacitors (C54, C55, C56, C57, C59) for signal processing and timing. Transistors Q5 through Q12 are used for amplification and switching. The diagram shows a complex network of components connected to a common ground, with specific components like R56 (470K) and C54 (100n) in the AMP. V. section, and R62 (1K) and R63 (1E) in the LIN. V. section.

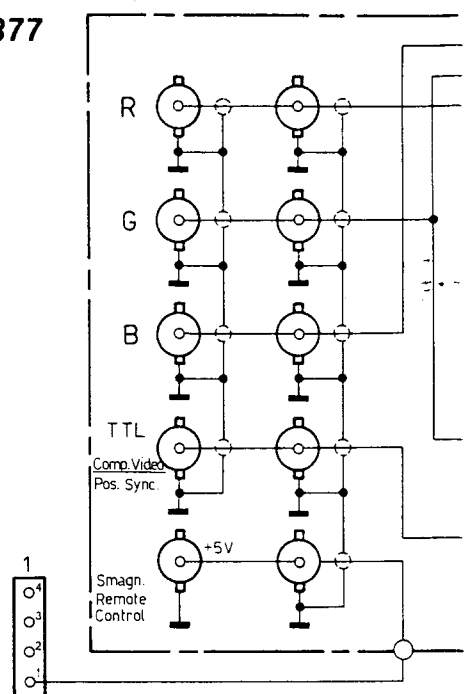
HORIZ. YOKE

S' VERT. YOKE

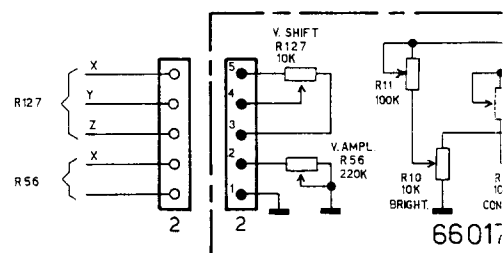
INPUT CONNECTOR 66003377



DEGAUS.REMOTE CONTROL 66003375



ANALOG CONTROLS 66003376

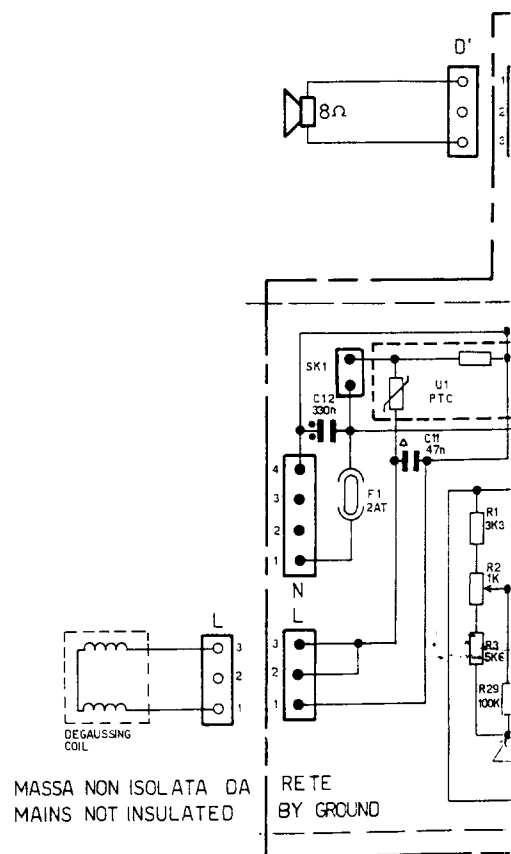


CHROM

HANTAREX

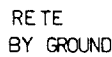
MOD. MTC9000/M SR 28" T

CH. FAM 66002903

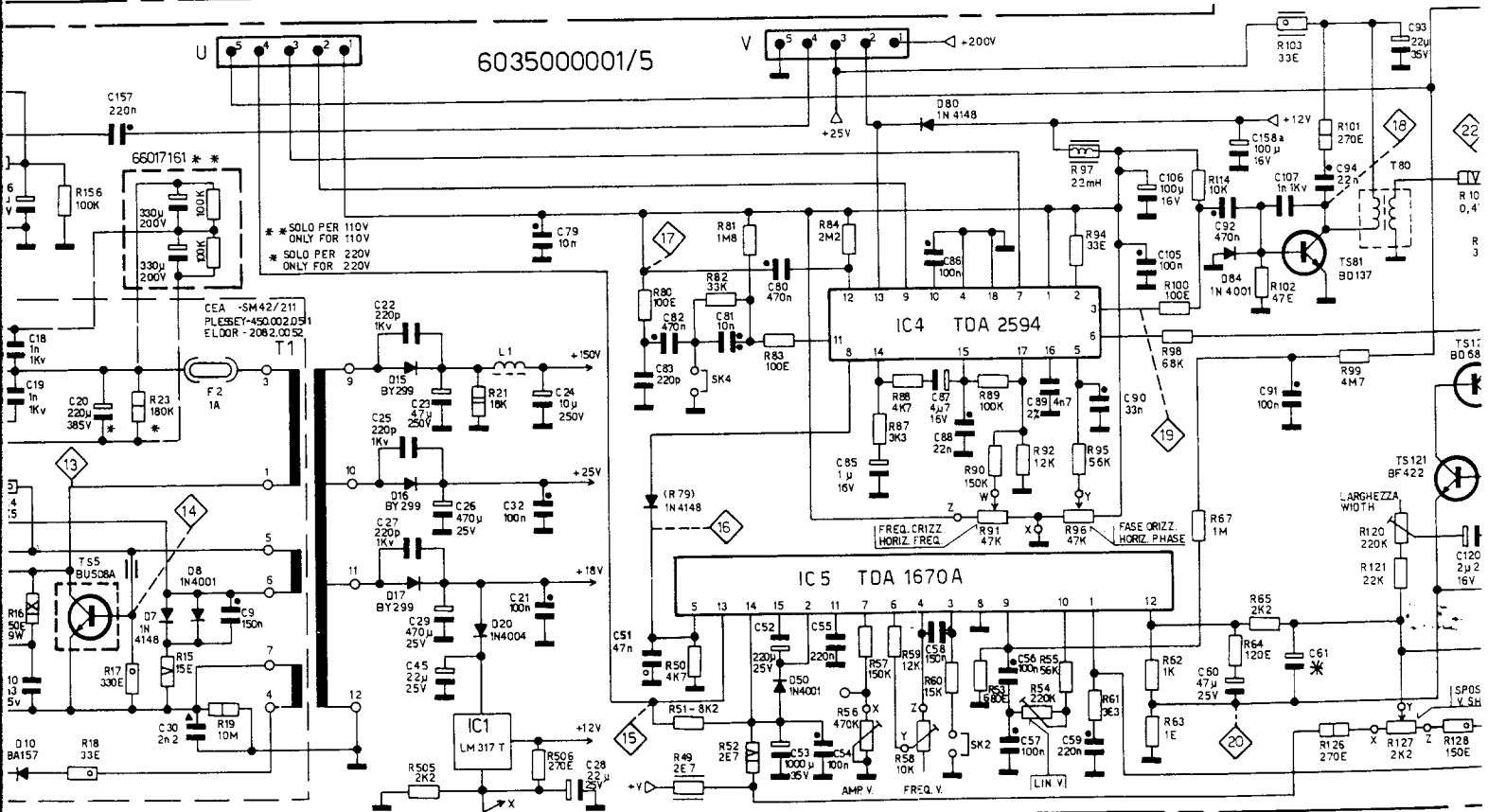
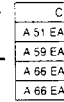


MASSA NON ISOLATA DA
MAINS NOT INSULATED

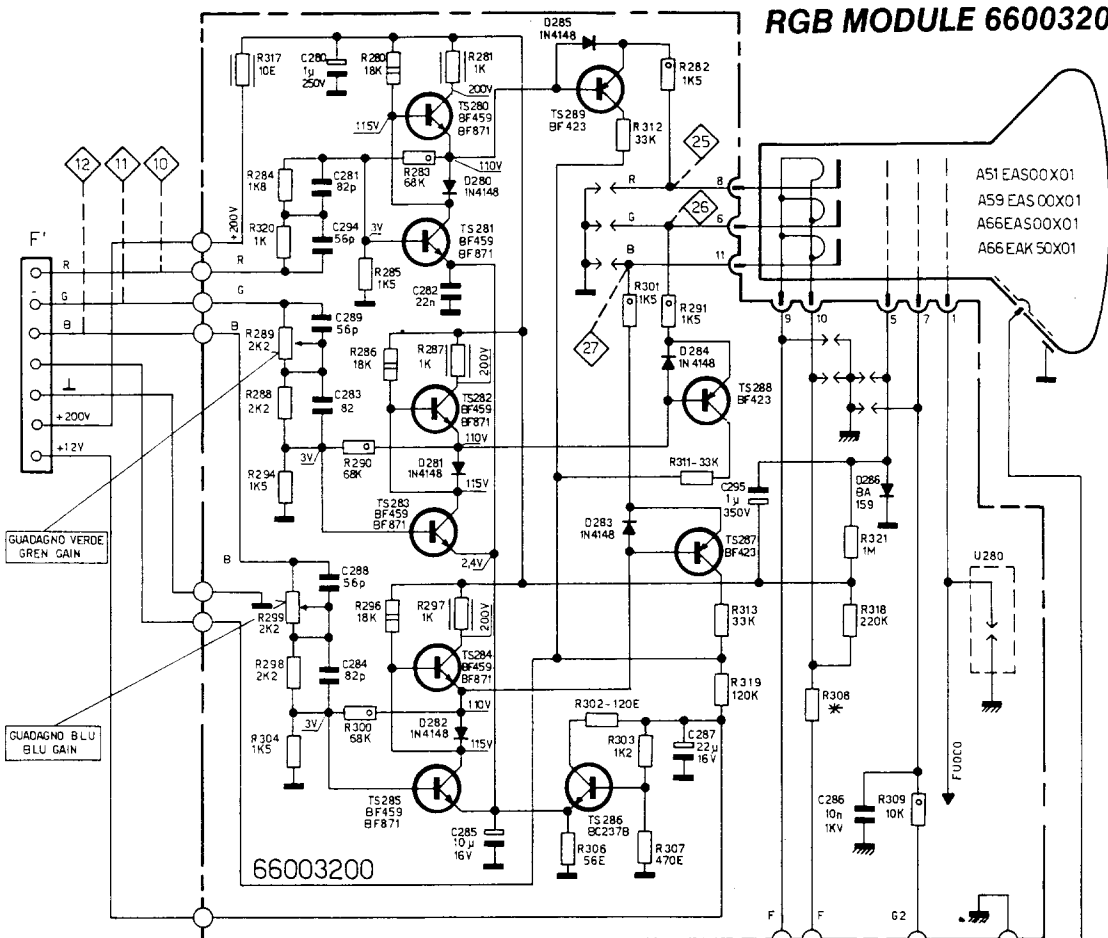
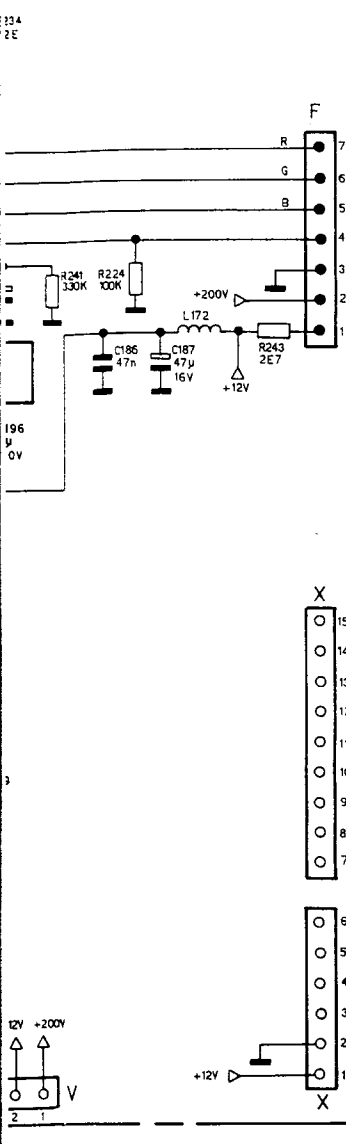
RE TE
BY GROUND



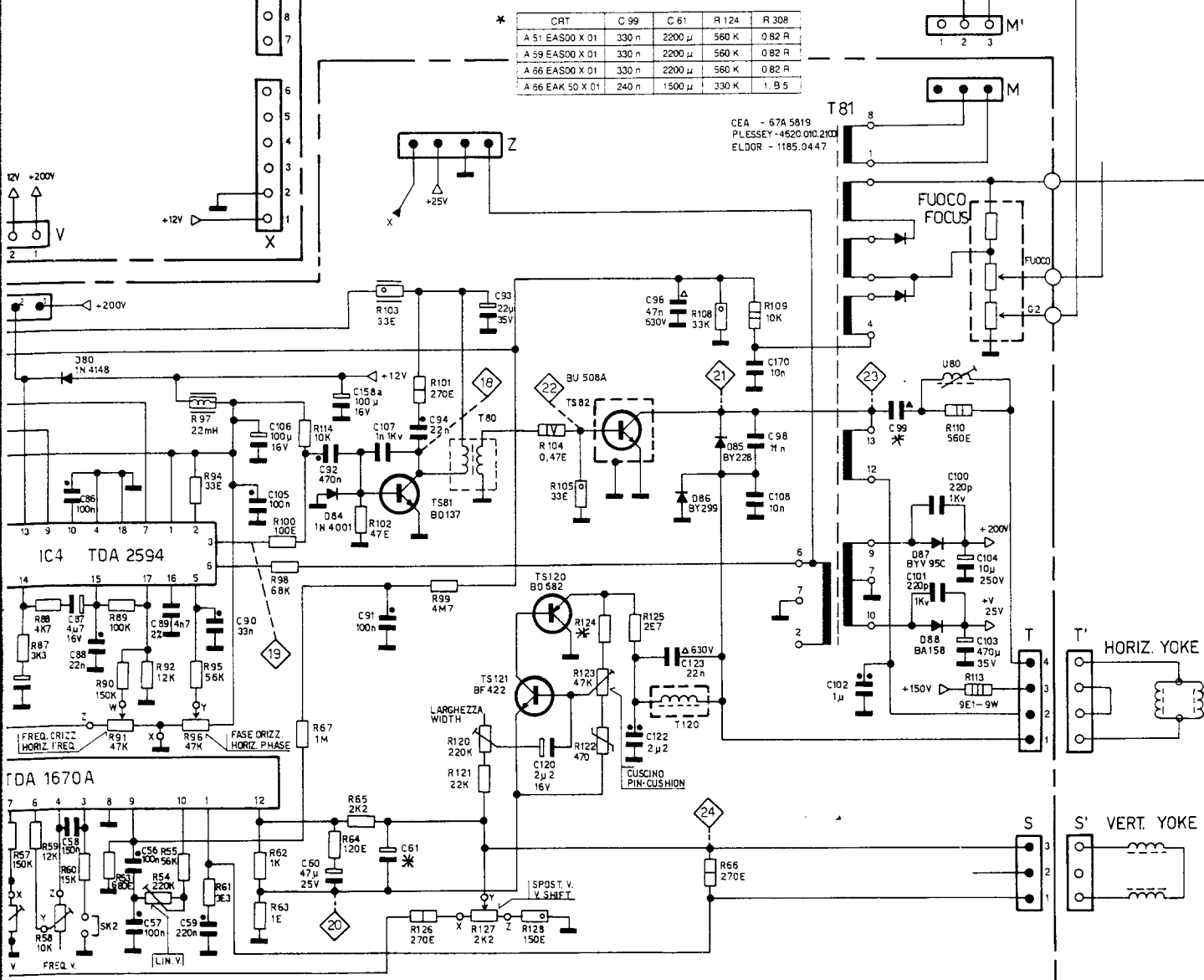
660
C
A 51 EA
A 59 EA
A 66 EA
A 66 EA



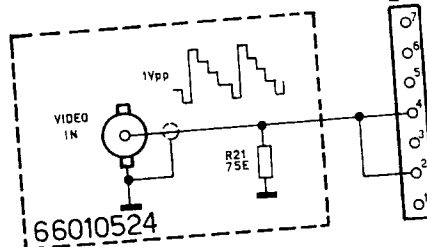
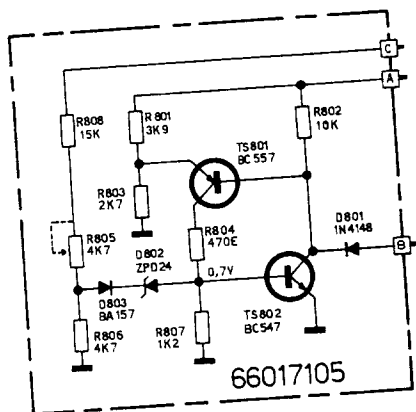
6035000172



CRT	C 99	C 61	R 124	R 308
A 51 EAS00 X 01	330 n	2200 μ	560 K	0.82 R
A 59 EAS00 X 01	330 n	2200 μ	560 K	0.82 R
A 66 EAS00 X 01	330 n	2200 μ	560 K	0.82 R
A 66 EAK 50 X 01	240 n	1500 μ	330 K	1.9 5



66017097



The schematic diagram illustrates the video section of a television receiver. It features several input and control lines at the top: K, B, G, R, FB, H, E, G, and L. The H line includes pins for LUM., CONTR., SAT., ~12V, and VOL. The E line includes pins for Hs and Vs. The G line includes pins for SYNC +, SYNC -, F.B., OUT, SYNC IN, and two unlabeled pins. The L line includes pins for R26B-470E, R267-470E, AU00 IN, VIDEO, and OUT. The circuit includes various components: resistors (R273 470E, R274 470E, R252 120K, R256 470E, R253 12K, R272 4K7, R270 220 16V, R277-18K, R268-470E, R267-470E, R170 15K, R171 150K, R173 6K8, R174 150K, R188 68E, R189 470E, R192 10E), capacitors (C211 22 16V, C212 22 16V, C170 220 16V), and transistors (TS181 BC547, TS18 BC547, TS18 BC547). The diagram shows the internal connections and component values for the video section.

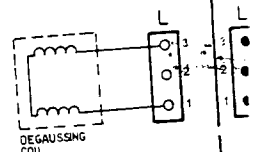
CHROMA MODULE 66003045

- R805 all included
- With aligned chassis, take off the connector from Pin 6 - T81 and send 135 Vcc through the connector: C input of protection circuit (R808).
- Adjust R805 till protection circuit blocks the + 12V of I.C. 1-LM317.
- Plug again the connector to Pin 6 - TS81.
- Seal R805 with sylicon to avoid any adjustment.



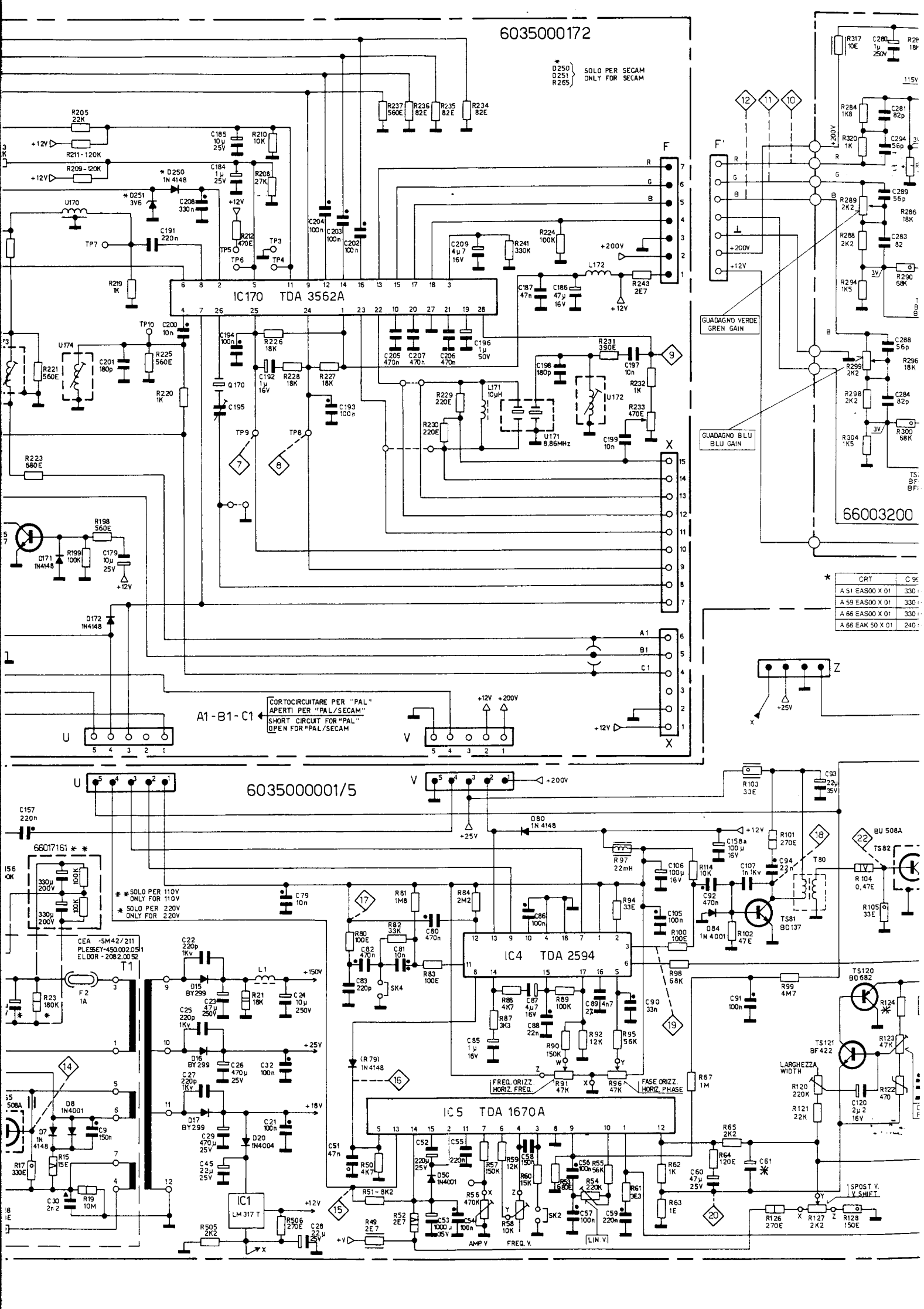
MOD. MTC9000/OF SR 28" NTSC

CH. FAM. 66002901



MASSA NON ISOLATA DA
MAINS NOT INSULATED

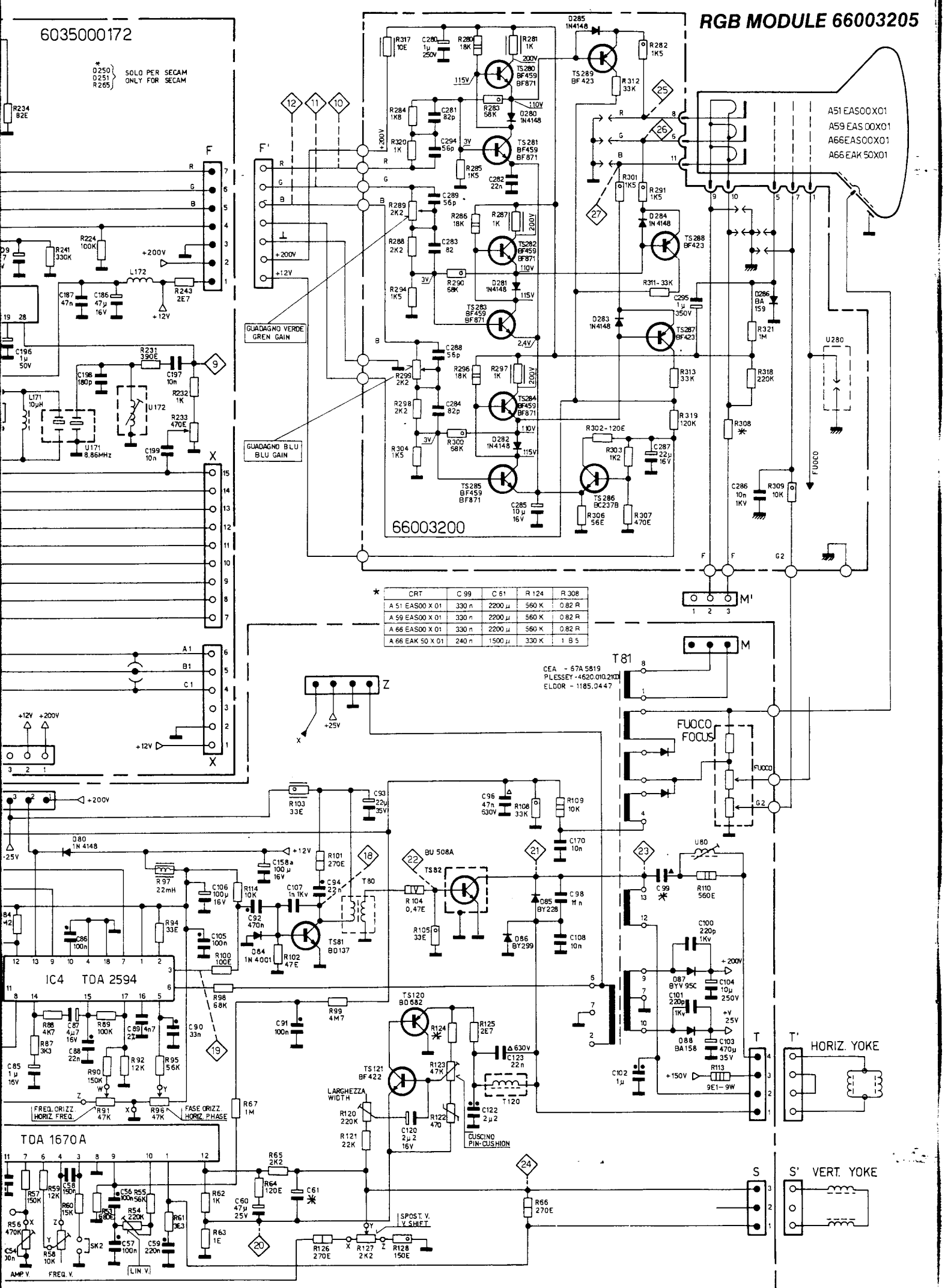
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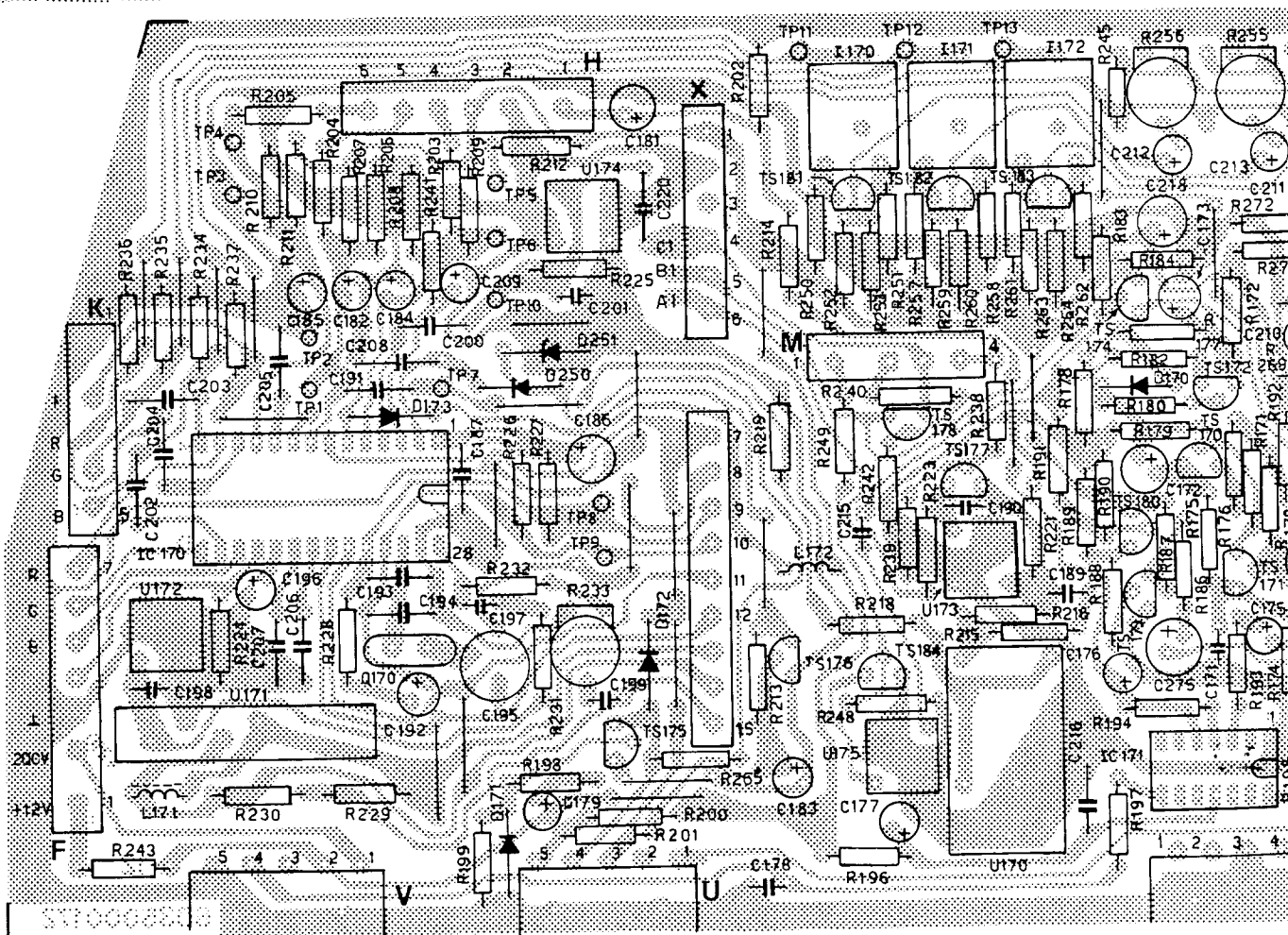
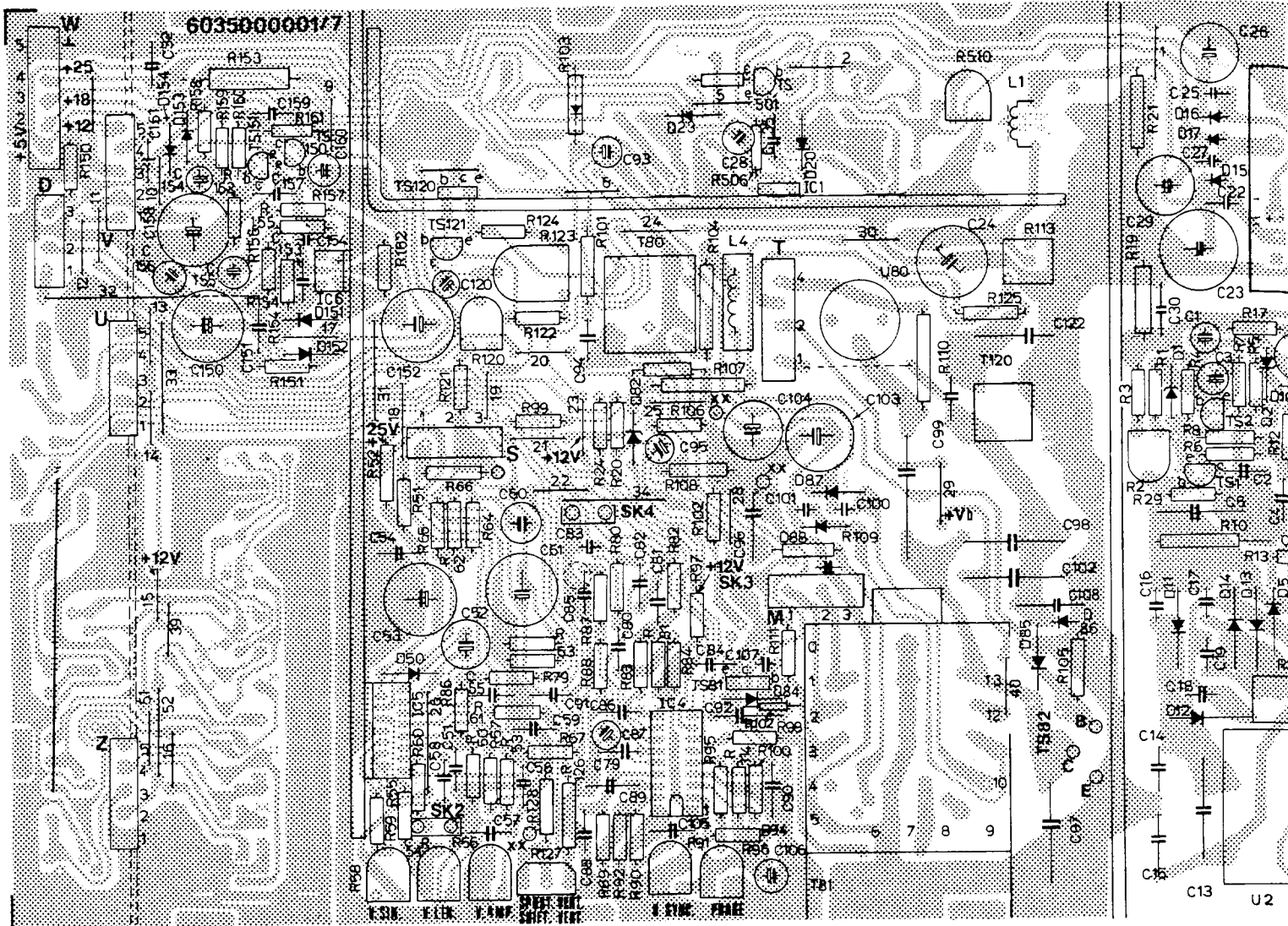


6035000172

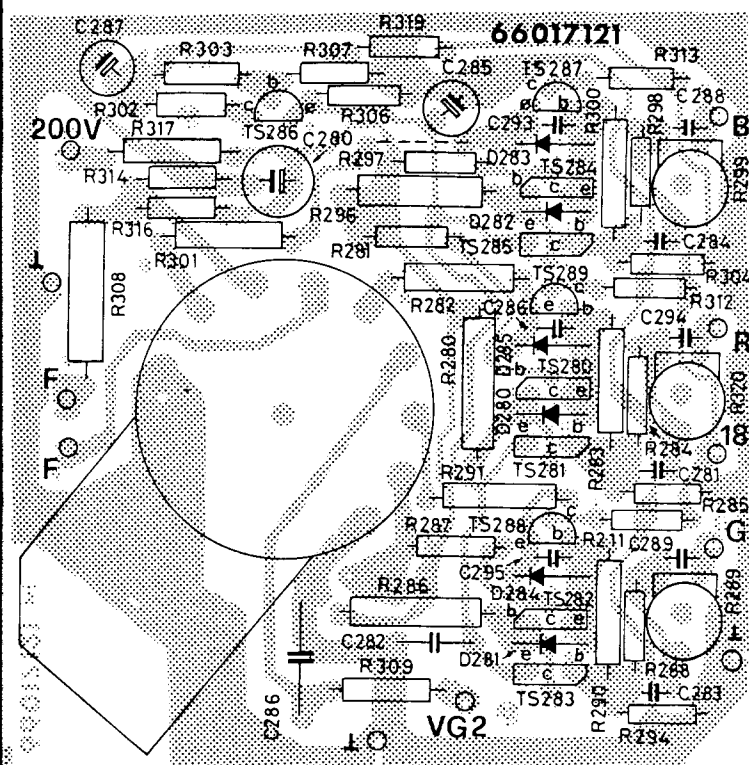
* 0250
0251
R265

SOLO PER SECAM
ONLY FOR SECAM

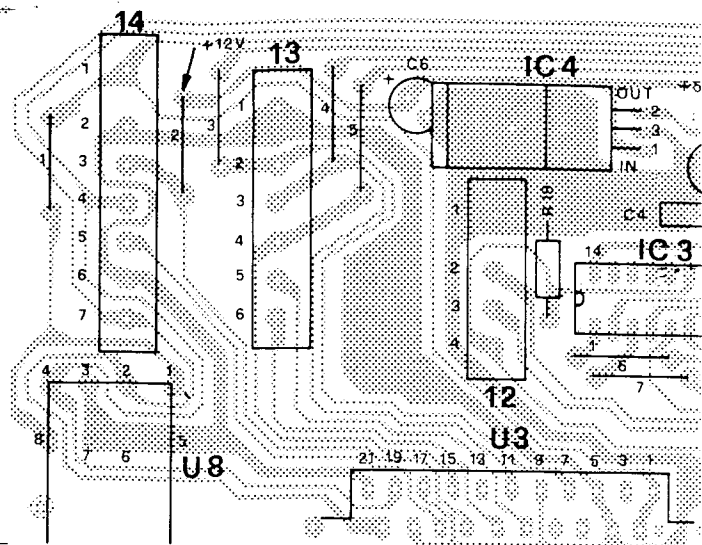




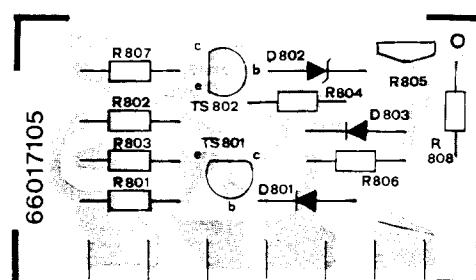
CHROMA MODULE 66003040/5/7



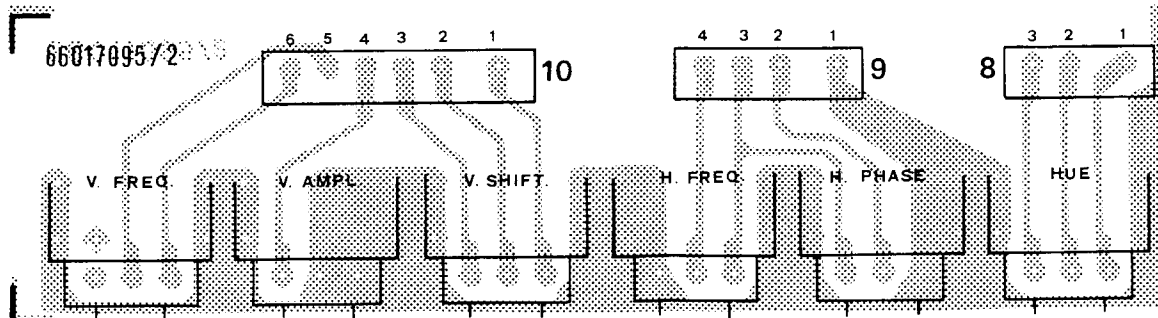
RGB MODULE 66003205



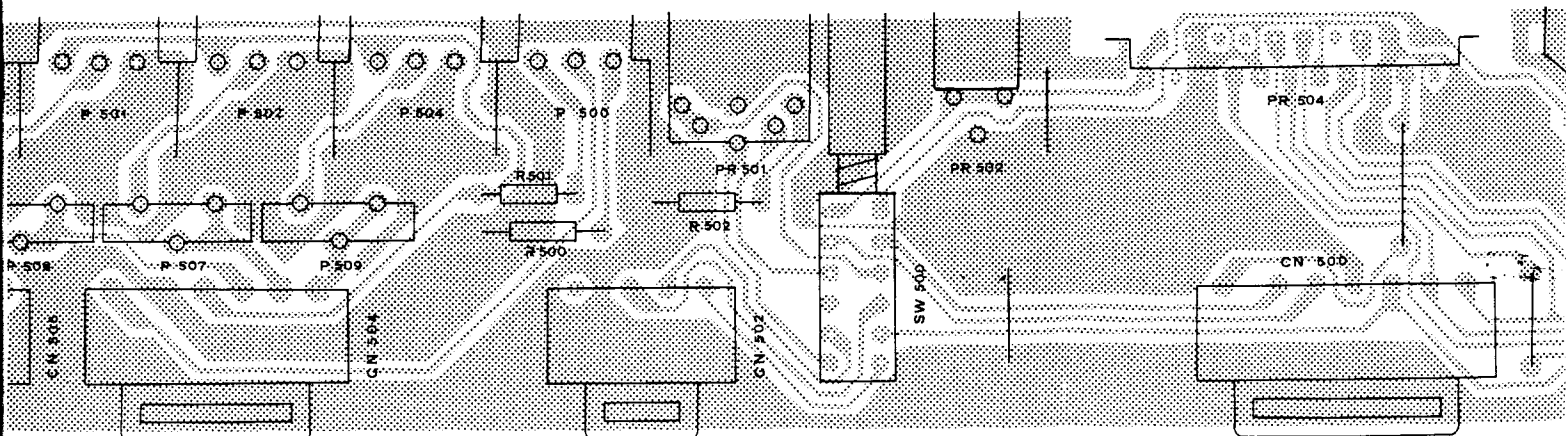
INPUT CON



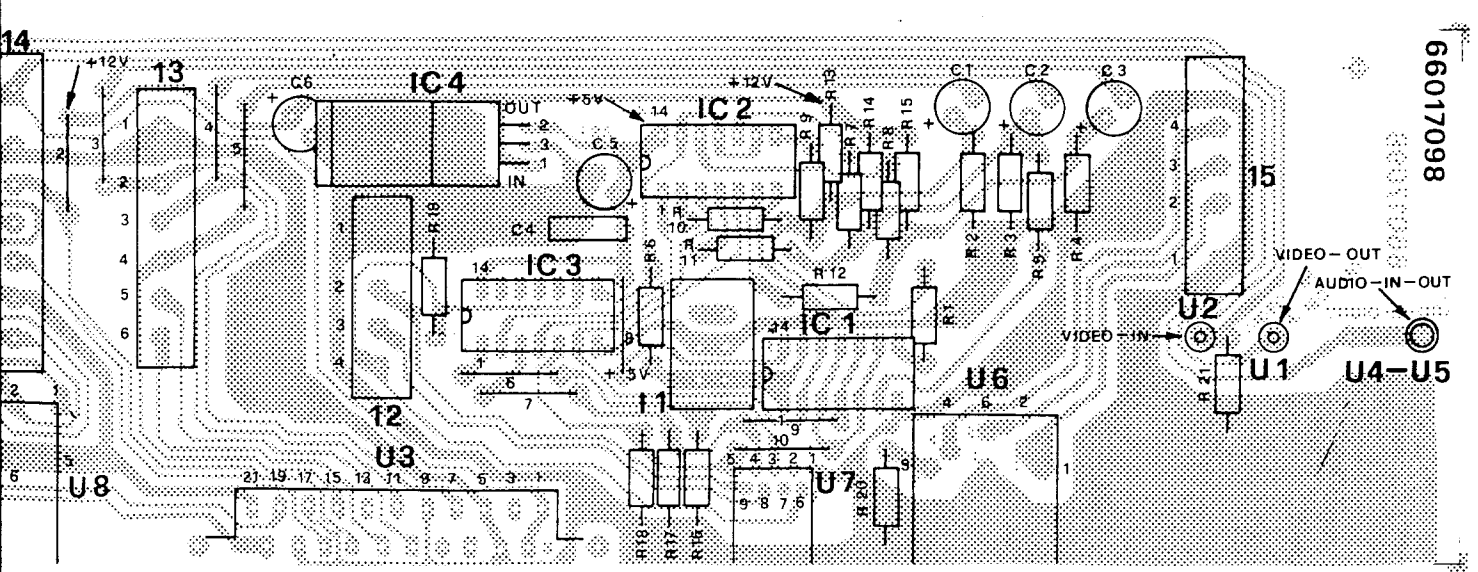
X RAY PROTECTION MODULE 66003384



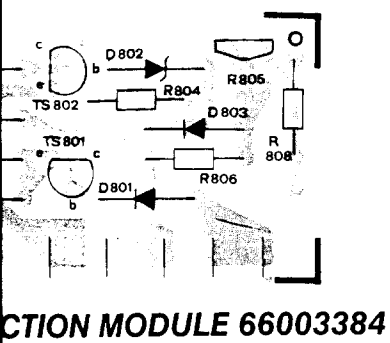
ANALOG CONTROL 660033



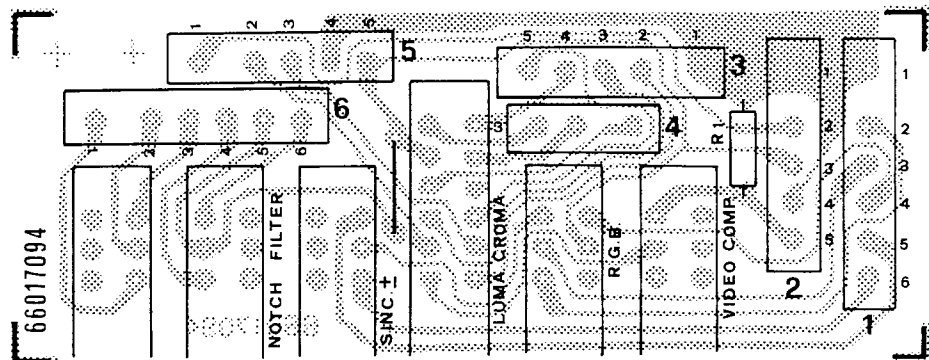
INPUT CONNECTORS + ANALOG CONTROL 66003383



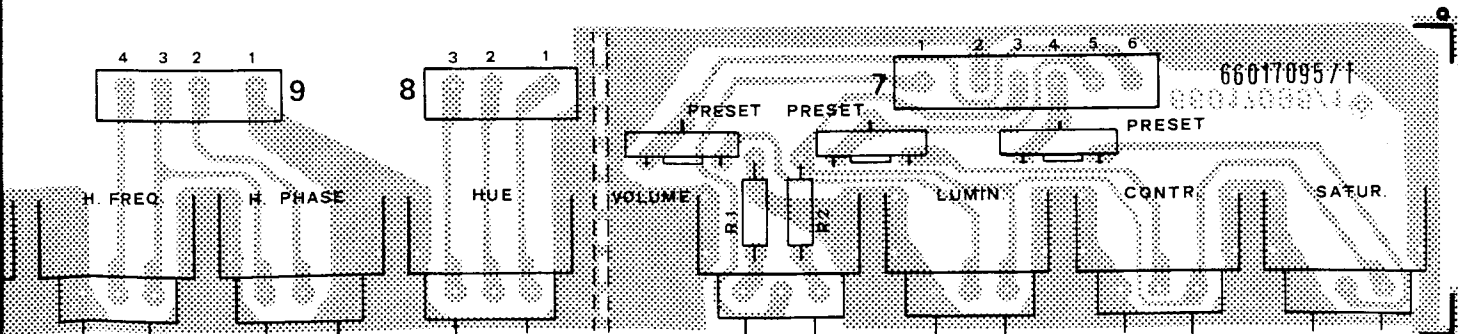
INPUT CONNECTORS + INTENSIFIER 66003367



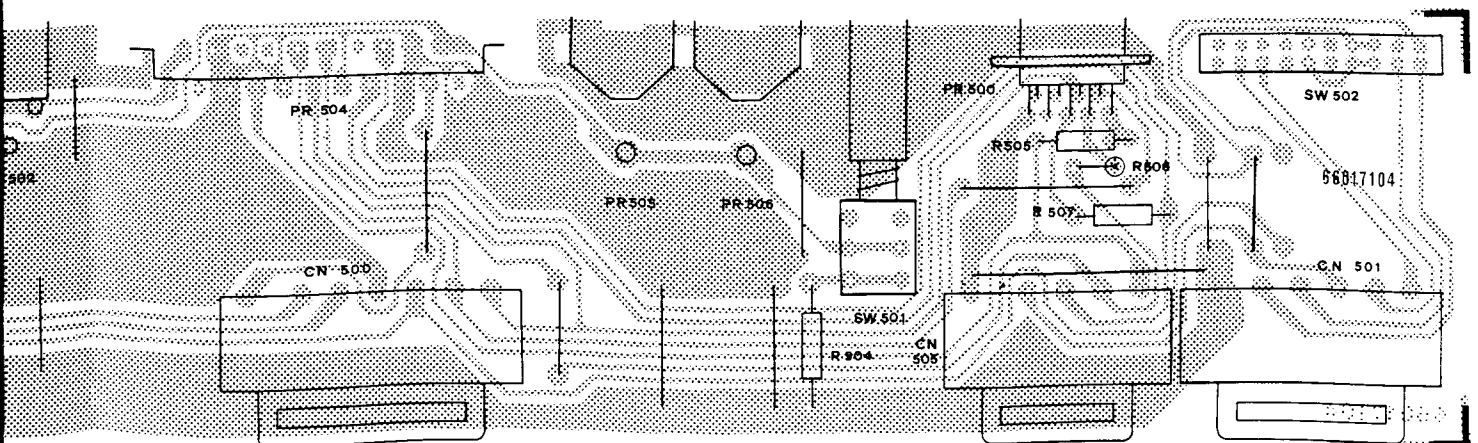
ACTION MODULE 66003384



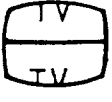
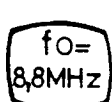
SWITCHING MODULE 66003369



ANALOG CONTROL 66003368



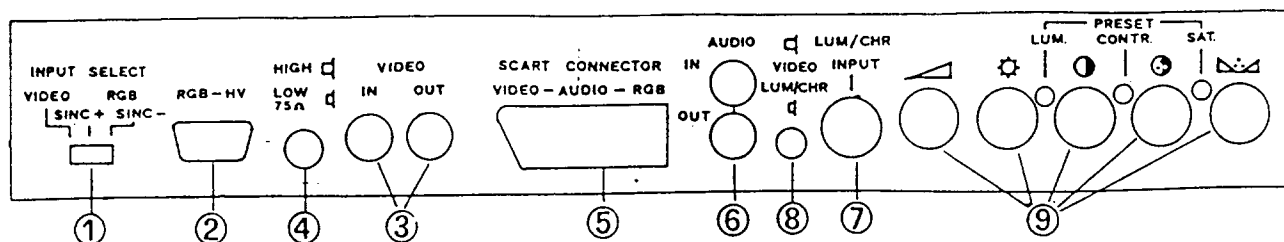
ISTRUZIONI ALLINEAMENTO - ADJUSTMENT PROCEDURE

	ALLINEAMENTO	SEGNALE	OPERAZIONE	P TO MIS IND	TARARE	VALORI DI TARATURA	
	ADJUSTMENT	SIGNAL	CONDITIONS	Point of measurement	ADJUSTMENT	CALIBRATION VALUES	
	110 Tensione di lavoro <i>Working conditions voltage 110</i>	MONOSCOPIO <i>Test Pattern</i>	220/230 Vr corrente di fascio - 0 220/230 mains input	Catodo D15 e massa <i>Cathode D15 and ground</i>	R2 R2	150 Vdc 110	
	Frequenza Orizz. <i>Hor. frequency</i>	MONOSCOPIO <i>Test Pattern</i>	Corto circ. SK4 <i>Short circuit SK4</i>	Schermo <i>Screen</i>	R91 R91	tarare per maggior stabilità della immagine, dopo togliere corto circuito <i>Adjust for max. stability of image</i>	
	Frequenza verticale <i>Vert. Frequency</i>	MONOSCOPIO <i>Test. Pattern</i>		Schermo <i>Screen</i>	R58 R58	Regolare sino a che il quadro scatta verso l'alto <i>Adjust so that picture drifts upwards</i>	
	POSIZIONE ORIZZONTALE <i>Hor. Position</i>	MONOSCOPIO <i>Test. Pattern</i>		schermo <i>Screen</i>	R96 R96		
	110 AMPIEZZA ORIZZ. <i>Hor. amplitudine</i>	MONOSCOPIO <i>Test Pattern</i>		Schermo <i>Screen</i>	R123 R123		
	E - O correzz. E - W	MONOSCOPIO <i>Test Pattern</i>		Schermo <i>Screen</i>	R120 R120		
	AMPIEZZA VERTICALE <i>Vert. amplitude</i>	MONOSCOPIO <i>Test Pattern</i>		Schermo <i>Screen</i>	R56 R56		
	LINEARITÀ VERT. <i>Vert. Linearity</i>	MONOSCOPIO <i>Test. Pattern</i>		Schermo <i>Screen</i>	R54 R54		
	POSIZIONE VERTICALE <i>Vert. Position</i>	MONOSCOPIO <i>Test Pattern</i>		Schermo <i>Screen</i>	R127 R127		
	Oscillatore sottoport. colore <i>Sub-carrier osc.</i>	MONOSCOPIO O BARRE COLORE <i>Color Test Pattern</i>	Cortocircuitare IP8-9, IP 5—6 <i>Short-circuit IP6-7, TP11-10</i>	Schermo <i>Screen</i>	A1C195 (mod croma) C195	Tarare per migliorare stabilità del colore togliere c.c <i>Set for max. stabilty and remove short-circuit</i>	
	AMPIEZZA DEL TEMPO DI TRANSITO <i>Delay amplitude</i>	MONOSCOPIO O BARRE COLORE <i>Color Test Pattern</i>	GENERATORE DI BARRE PM 5519 PHILIPS POS. "DEM" <i>test pattern PM 5519 PHILIPS POS. "DEM"</i>		R233 (mod. croma) R233	Tarare R233 per eliminare L'effetto veneziana sulla terza barra. <i>Adjust to eliminate vene-tian blind on third bar.</i>	

MONITOR	CHASSIS FAMILY	INPUT CONNECTOR	ANALOG CONTROL	CHROMA MODULE	X.R. PROT. CIRCUIT	DEGAUS. R. CONTR.
CT 9000/P SR 21"-25"-28"	66002900	66003367	66003369 66003368	66003040	—	—
CT 9000/E SR 21"-25"-28"	66002900	66003367	66003369 66003368	66003040	—	—
CT 9000/P SR 32"-33"	66002907	66003385		66003040	—	—
CT 9000/P SR 37"	66002907	66003385		66003040	—	—
MTC 9000/P SR 21"-25"-28"	66002904	66003385		66003040	—	—
MTC 9000/P SR 32"-33"	66002907	66003385		66003040	—	—
MTC 9000/P SR 37"	66002907	66003385		66003040	—	—
MTC 9000/E SR 21"-25"-28"	66002906	66003383		66003040	—	—
MTC 9000/M SR 28" FULL SQUARE FLAT SQUARE	66002905 66002902	66003383		66003040	—	—
MTC 9000/M SR 28 USA	66002901	66003383		66003047	66003384	—
MTC 9000/P SR 21-25-28 U.K. MTC 9000/M SR 28 U.K.	66002904	66003379	66003381	66003040	—	—
MTC 9000/M SR 28 T	66002903	66003377	66003376	66003047	—	66003375
MTC 9000/SR NTSC	66002901	66003358	66003359	66003045 66003370	66003384	—

SCHEDA TECNICA - Technical specification

Tensione di alimentazione: <i>Mains</i>	220 V $\pm$ 15% - 50 Hz
Consumo energia: (Cenelec HD406) <i>Consumption</i>	80 W (95 W x 32"; 37")
Sicurezza: <i>Safety</i>	doppio isolamento da rete rispondente alle norme di sicurezza TEC 65. <i>According to SAFETY rules IEC 65</i>
Fusibile: <i>Fuse</i>	2,5 A T
Controllo automatico del punto di lavoro del cinescopio <i>Automatic control of CRT dark level</i>	
Standard di ricezione: <i>Standard</i>	PAL (PAL/SECAM o NTSC a richiesta) <i>PAL (PAL/SECAM or NTSC as well upon request)</i>
Cinescopio: <i>CRT</i>	21"-25"-28" Full Square 110 Black Matrix high contrast 28"-32"-37" Flat Square (Black Matrix for 32"-37")
Larghezza del pitch orizzontale: <i>Width horizontal pitch</i>	0.82 mm. (21"-25"-28"), 1 mm (37")
Larghezza del pitch verticale: <i>Width vertical pitch</i>	0.83 mm.
Limitazione della corrente media di fascio: 1 mA <i>Beam current limiter</i>	(1,5 mA x 32"-37")
Bassa frequenza audio: <i>L.F. audio</i>	16 W musicali su 8 OHM 16 W (music power) on 8 OHM
Caratteristiche Video <i>Video specification</i>	
Larghezza di banda in video composito: <i>Video composite band width</i>	4 MHz $\pm$ 3 dB
R G B: <i>RGB band width</i>	5 MHz $\pm$ 3 dB
Tempo di blanking orizzontale: <i>Horizontal blanking time</i>	11,4 μ S
Tempo di blanking verticale: <i>Vertical blanking time</i>	1,2 mS



- (1) **COMMUTATORE D'INGRESSO:** seleziona i segnali in ingresso: Video composito delle prese (3) e (5) e RGB dalle prese (2) e (5) con possibilità di sincronismo positivo o negativo inviato ai Pin 10-12 della presa (5).
Segnale Video = 1 Vpp $\pm$ 3 dB Segnali RGB = 1 V $\pm$ 3 dB

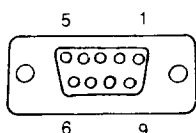
INPUT SWITCH: selects the following signals:

Composite Video from (3) and (5), RGB signals from (2) and (5) with positive or negative sync. selection to pins 10-12 of (5)

Video signal = 1 Vpp $\pm$ 3 dB RGB signals = 1 V $\pm$ 3 dB

- (2) **CONNETTORE INGRESSI RGB TTL E SINCRONISMI SEPARATI:** ingressi RGB TTL e sincronismi verticali ed orizzontali separati su presa Cannon D9 subminiatura.

RGB AND SEPARATED SYNC. INPUT: RGB TTL input and separated vertical and horizontal sync. to Cannon D9 connector.



1 massa
2-6-7 n.c.
3 ingresso B
4 ingresso G
5 ingresso R
8 sincronismo orizz.
9 sincronismo vert.

(Ground)
(not connections)
(input B)
(input G)
(input R)
(horizontal sync.)
(vertical sync.)

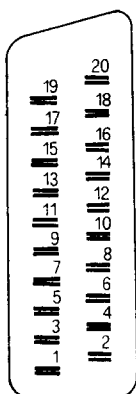
- (3) **INGRESSO VIDEO CON COLLEGAMENTO IN USCITA "LOOPED THROUGH":** connessione a BNC che permette il collegamento in cascata con altri monitor disinserendo mediante il commutatore (4) la resistenza di terminazione a 75 OHM.
Segnale Video = 1 V $\pm$ 3 dB

VIDEO INPUT LOOPED THROUGH SYSTEM: BNC connection that allows the possibility (i. e. loop through) to further monitors, by releasing terminal 75 OHM resistance thru switch (4).

Video signal = 1 V $\pm$ 3 dB

- (4) **EUROCONNETTORE SCART:** connettore normalizzato d'ingresso e uscita audio/video

PERITELEVISION CONNECTOR: input/output normalized audio/video connector.



Pin 1	Uscita audio (audio output)	0,5 Vrms
Pin 2	Ingresso audio (audio input)	0,5 Vrms
Pin 3	n.c.	0,5 Vrms
Pin 4	Collegamento di massa audio (audio ground)	
Pin 5	Collegamento di massa audio (audio ground)	
Pin 6	n.c.	
Pin 7	Ingresso B (input B)	1 Vpp/75 OHM
Pin 8	n.c.	
Pin 9	Collegamento di massa ingresso V (Ground input G)	
Pin 10	Ingresso sincro verticale (Vertical sync. input)	
Pin 11	Ingresso V (input G)	1 Vpp/75 OHM
Pin 12	Ingresso sincro orizzontale (Horiz. Sync. input)	
Pin 13	Collegamento di massa ingresso R (Ground input R)	
Pin 14	Uscita 12V - n.c.	
Pin 15	Ingresso R (input R)	1 Vpp/75 OHM
Pin 16	Ingresso (fast blanking) (input)	3V

Pin 17 Collegamento di massa CVBS - *Ground*
 Pin 18 Collegamento di massa fast blanking - *fast blanking common*
 Pin 19 Uscita CVBS (*output*)
 Pin 20 Ingresso CVBS (*input*)
 Pin 21 Piedino schermato (*shilded pin*)

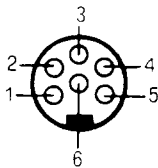
1 Vpp/75 OHM
 1 Vpp/75 OHM

- (5) **INGRESSO/USCITA AUDIO:** connessione a Pin-Jack per un ingresso ed una uscita audio. $V_{\text{audio I/O}} = 0,5 V_{\text{rms}}$

AUDIO INPUT/OUTPUT - *Pin-Jack connection. $V_{\text{Audio I/O}} = 0,5 V_{\text{rms}}$*

- (6) **CONNETTORE D'INGRESSO LUMA-CROMA e AUDIO:** connessione DIN che permette l'ingresso di segnali di luminanza e crominanza separati e audio selezionati mediante il commutatore (B).

AUDIO LUM/CHROM INPUT CONNECTOR: *DIN connector allows the input of separate luminance and chrominance signals selected by (B) switch.*

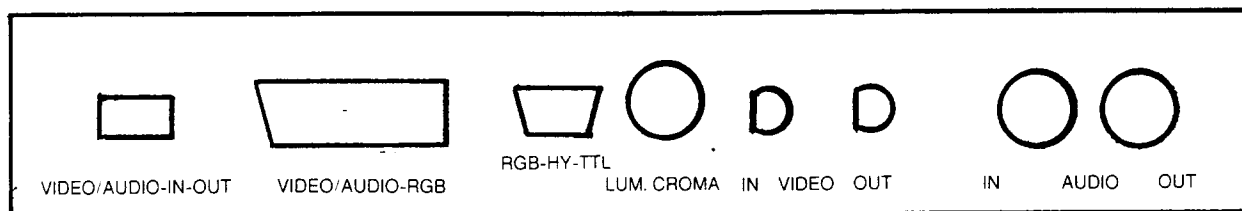


- 1-2 segnale di luminanza (luminance signal)
- 3 massa (ground)
- 4 audio
- 5 terminazione a 75 OHM da collegare al pin 1 e 2 (75 OHM termination)
- 6 segnale di crominanza (chrominance signal)

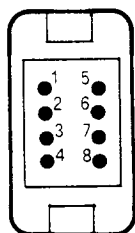
- (7) **COMANDI MANUALI DEI LIVELLI ANALOGICI:** potenziometri per la regolazione di volume, luminosità, contrasto, colore, tinta con regolazione di preset per luminosità, contrasto e colore.

ANALOG LEVELS REGULATION: *potentiometers for the brightness, saturation and contrast regulation with preset regulation of brightness, saturation, and contrast.*

PIASTRA POSTERIORE INGRESSI/USCITE 66003367
INPUT/OUTPUT REAR CONNECTIONS 66003367

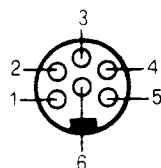


CONNECTOR EIA - 8 PINS



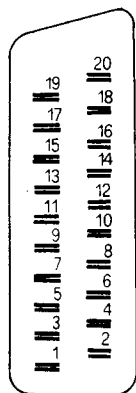
- | | |
|------------------|---------------------|
| 1 Uscita audio | <i>Audio output</i> |
| 2 Ingresso video | <i>Video input</i> |
| 3 Massa | <i>Common</i> |
| 4 Uscita video | <i>Video output</i> |
| 5 Massa audio | <i>Audio Common</i> |
| 6 Massa | <i>Common</i> |
| 7 Massa | <i>Common</i> |
| 8 Ingresso audio | <i>Audio input</i> |

CONNECTOR LUMA - CHROMA



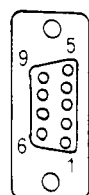
- | | |
|---|--|
| 1 Video luminanza | <i>Luminance</i> |
| 2 Video luminanza | <i>Luminance</i> |
| 3 Collegamento di massa | <i>Common</i> |
| 4 Audio | <i>Audio</i> |
| 5 Per chiusura a 75 Ohm
connettere al piedino n. 1 | <i>To be connected to pin 1 for 75 Ohm
video input termination</i> |
| 6 Croma | <i>Chroma</i> |

CONNECTOR SCART



- | | | |
|---------------|--|-----------------------------|
| 0,5 Vrms | 1 Uscita audio | <i>Audio output</i> |
| 0,5 Vrms | 2 Ingresso audio | <i>Audio input</i> |
| 0,5 Vrms | 3 Uscita audio | <i>Audio output</i> |
| | 4 Collegamento di massa (audio) | <i>Audio common</i> |
| | 5 Collegamento di massa (ingresso B) | <i>Blue common</i> |
| 0,5 Vrms | 6 Ingresso audio | <i>Audio input</i> |
| 1 Vppl/75 Ohm | 7 Ingresso B | <i>Blue input</i> |
| | 8 | |
| | 9 Collegamento di massa (ingresso V) | <i>Green common</i> |
| 1 Vppl/75 Ohm | 10 Ingresso sincro, verticale | <i>Vert. sync. input</i> |
| | 11 Ingresso V | <i>Green input</i> |
| | 12 Ingresso sincro orizzontale | <i>Hor. sync. input</i> |
| | 13 Collegamento di massa (ingresso R) | <i>Red common</i> |
| 1 Vppl/75 Ohm | 14 n.c. | <i>12V output</i> |
| 3V | 15 Ingresso R | <i>Red input</i> |
| | 16 Ingresso fast blanking | <i>Fast blanking input</i> |
| | 17 Collegamento di massa (CVBS) | <i>Video common</i> |
| | 18 Collegamento di massa fast blanking | <i>Fast blanking common</i> |
| 1 Vppl/75 Ohm | 19 Uscita CVBS | <i>Video output</i> |
| 1 Vppl/75 Ohm | 20 Ingresso CVBS | <i>Video input</i> |
| | 21 Piedino schermato | <i>Shield</i> |

CONNECTOR RGBI - TTL



- | | |
|---------------------|--------------------|
| 1 Massa | <i>Common</i> |
| 2 | |
| 3 Ingresso B | <i>Blue</i> |
| 4 Ingresso V | <i>Green</i> |
| 5 Ingresso R | <i>Red</i> |
| 6 Intensificatore | <i>Intensifier</i> |
| 7 | |
| 8 Sinc. orizzontale | <i>Hor. sync.</i> |
| 9 Sinc. verticale | <i>Vert. sync.</i> |

ELENCO RICAMBI/SPARE PARTS LIST

Transistor:	N. Codice/Part No.	Circuiti integrati (Integrated Circuit)	N. Codice/part No.
BC 237 B/BC 547	2040.0422	L7805	2062.0070
BC 307/BC 557 B	2040.0403	LM 317T	2067.1080
BC 327	2040.0440	T 74 LS 04	2062.0470
BC 368	2040.0450	T 74 LS 06	2067.0070
BF 422	2040.0210	T 74 LS 22	2067.1170
BF 423	2042.0150	TBA 120T	2063.0021
BF 459 = BF 871	2042.0500	TDA 2594	2067.0940
BD 137	2041.0200	TDA 2030	2062.0360
BD 682	2041.0210	TDA 3562 A	2062.0550
BU 508A = BU 536	2043.0320	TDA 3590 A	2067.0970

Diodi/Diodes	N. Codice/Part No.	Diodi Zener/Zener Diodes	N. Codice/Part No.
BA 157	2010.0020	C 7 V 5	2011.0570
BA 158	2010.0030	C 27 V	2011.0580
BA 159	2010.0010	3 V 6	2011.0030
BY 133	2015.0450		
BY 228	2015.0210		
BY 229	2015.0400		
BYV 95 C	2015.0170		
IN 4001	2015.0002		
IN 4004	2015.0004		
IN 4007	2015.0007		
IN 4148	2010.0000		

Trasformatori	Transformers	COD.
Trasfor. Alim. S.M.P.S.	SMPS Mains transformer	2802.4660
Trasfor. EHT	Diode Split EHT Transformer	2802.4730
Trasfor. pilota	Driver transformer	2802.4700
Filtro rete U2	Mains Filter U2	3104.4700
PTC	PTC Resistor	2100.0140
Quarzo 8,86 MHz	8,86 MHz crystal	2970.0080
Bobine smagnetizzazione	Degaussing coils	
21"		2806.0260
25"		2806.0270
28"		2806.0230
Coils		
Linea ritardo Y	Y Delay	2970.0050
Bobina E-O	E-W Coil	2802.0870
Bobina linearita	Linearity Coil	2802.0830
Interruttore rete	Mains switch	6602.0003
Zoccolo cinescopio	CRT Socket	3402.0270